

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000838.D
 Acq On : 03 Dec 2019 13:05
 Operator : SY/MD
 Sample : K5675-09RE
 Misc : 7.17G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-112619RE

Quant Time: Dec 03 13:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	2630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	5914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	6027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	2111	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	2393	85.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	171.26%	
35) Dibromofluoromethane	7.72	113	540	15.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	31.34%	
50) Toluene-d8	10.18	98	7192	52.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.48	95	2668	51.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	62	1.777	ug/l #	10
4) Vinyl Chloride	2.29	62	36	1.047	ug/l #	43
5) Bromomethane	2.68	94	85	3.393	ug/l #	3
8) Diethyl Ether	3.46	74	58	3.269	ug/l #	63
10) Methyl Iodide	4.09	142	52	1.419	ug/l #	41
12) 1,1-Dichloroethene	3.85	96	58	2.011	ug/l #	1
13) Acrolein	3.59	56	57	20.581	ug/l #	15
14) Allyl chloride	4.55	41	85	1.719	ug/l #	27
16) Acetone	3.96	43	624	97.336	ug/l #	100
20) Methylene Chloride	4.70	84	105	3.107	ug/l #	5
25) 2-Butanone	7.22	43	93	7.853	ug/l #	49
29) Tetrahydrofuran	7.43	42	52	6.626	ug/l #	33
31) Cyclohexane	7.81	56	68	1.146	ug/l #	79
36) 1,1-Dichloropropene	7.80	75	187	3.180	ug/l #	41
37) Ethyl Acetate	7.22	43	93	2.739	ug/l #	67
38) Carbon Tetrachloride	7.80	117	108	2.062	ug/l #	11
41) Methacrylonitrile	7.26	41	22	1.229	ug/l #	1
48) Methyl methacrylate	9.41	41	29	1.031	ug/l #	13
49) 1,4-Dioxane	9.41	88	19	59.652	ug/l #	27
51) 4-Methyl-2-Pentanone	10.09	43	275	8.318	ug/l #	34
59) 2-Hexanone	10.83	43	114	4.732	ug/l #	78
67) Ethyl Benzene	11.60	91	333	1.427	ug/l #	44
68) m/p-Xylenes	11.70	106	425	4.853	ug/l #	87
74) N-amyl acetate	12.14	43	49	1.047	ug/l #	41
76) 1,2,3-Trichloropropane	12.48	75	1545	64.597	ug/l #	100
77) Bromobenzene	12.61	156	80	2.196	ug/l #	6
80) 1,3,5-Trimethylbenzene	12.81	105	368	2.644	ug/l #	87
81) trans-1,4-Dichloro-2-buten	12.48	75	1545	126.888	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.12	105	1241	8.913	ug/l #	93
85) sec-Butylbenzene	13.25	105	357	2.098	ug/l #	85
89) n-Butylbenzene	13.70	91	303	2.025	ug/l #	51
90) Hexachloroethane	14.08	117	37	1.357	ug/l #	16
91) 1,2-Dichlorobenzene	13.72	146	146	2.271	ug/l #	55
92) 1,2-Dibromo-3-Chloropropan	14.38	75	38	6.854	ug/l #	1

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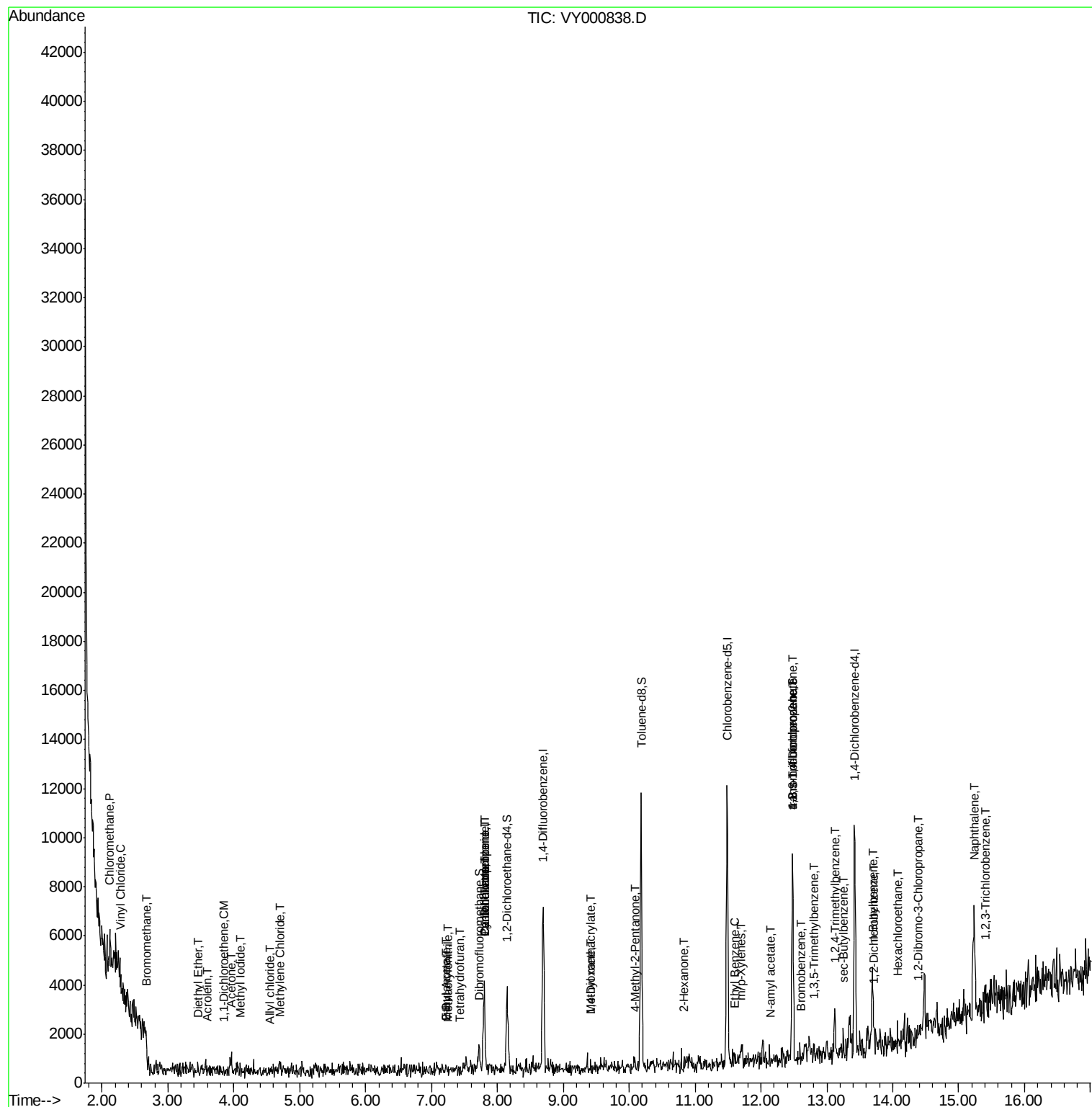
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.23	128	2520	24.947	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.42	180	217	5.584	ug/l #	21

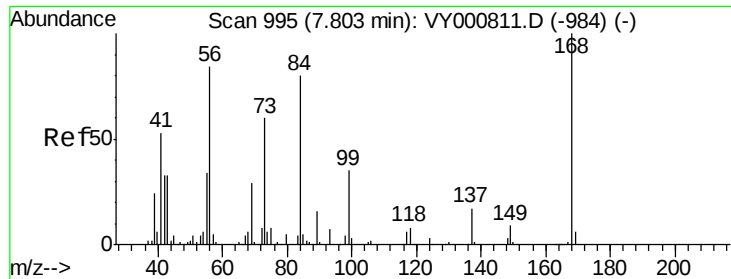
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

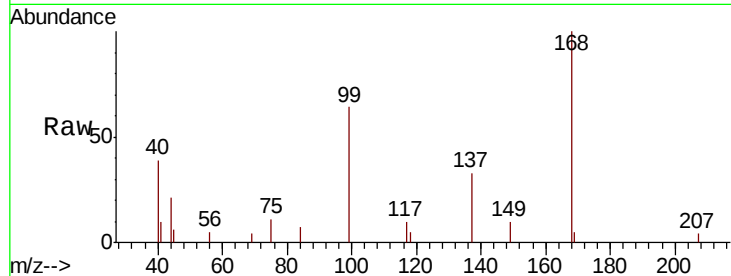
TR-05-112619RE

Tot Ion:168 Resp: 2630

Ion Ratio Lower Upper

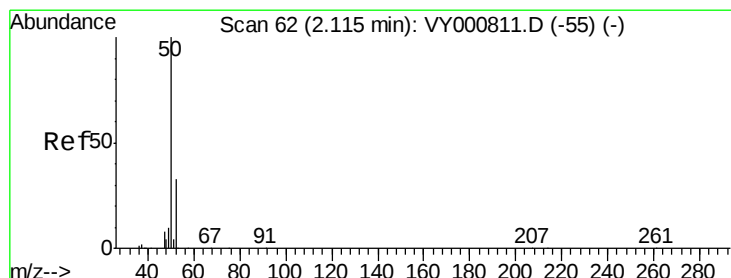
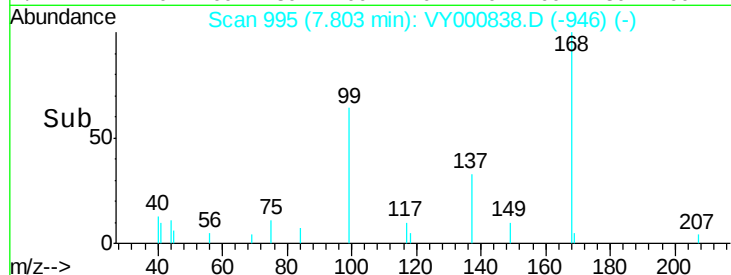
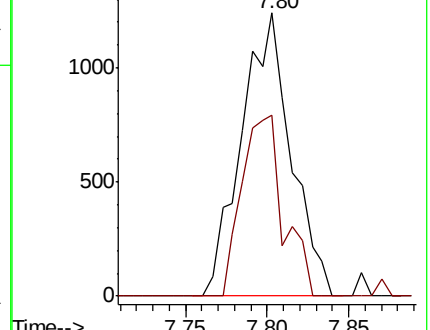
168 100

99 64.0 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): VY000838.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000838.D (-946) (-)



#3

Chloromethane

Concen: 1.777 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000838.D

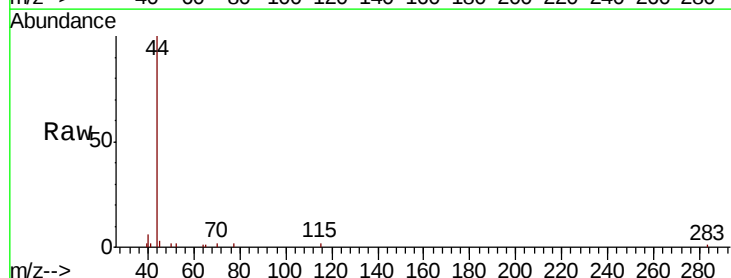
Acq: 03 Dec 2019 13:05

Tgt Ion: 50 Resp: 62

Ion Ratio Lower Upper

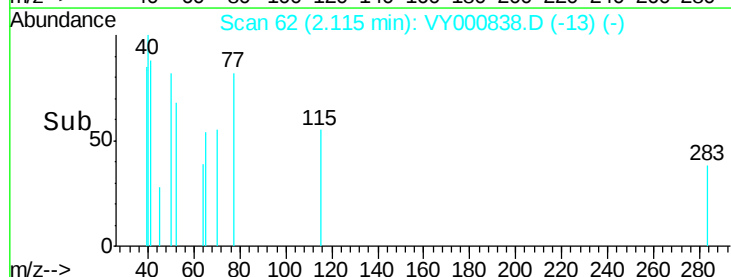
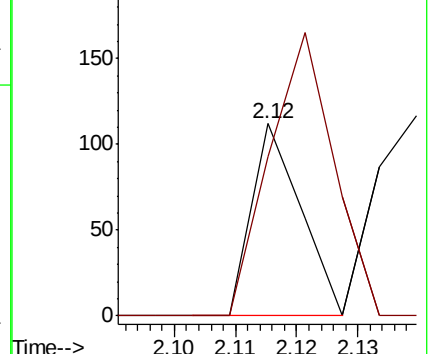
50 100

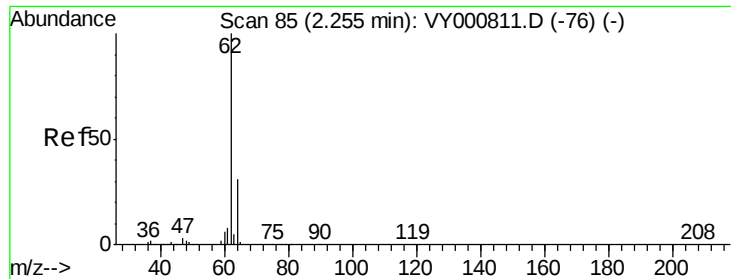
52 83.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VY000838.D (-13) (-)

Ion 51.90 (51.60 to 52.60): VY000838.D (-13) (-)





#4

Vinyl Chloride

Concen: 1.047 ug/l

RT: 2.29 min Scan# 91

Delta R.T. 0.04 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

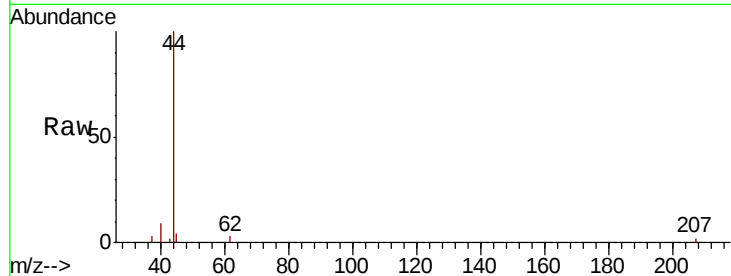
TR-05-112619RE

Tot Ion: 62 Resp: 36

Ion Ratio Lower Upper

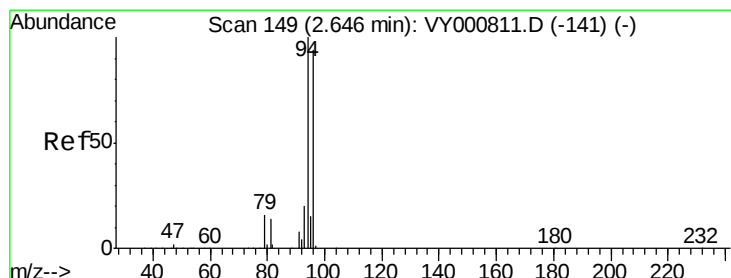
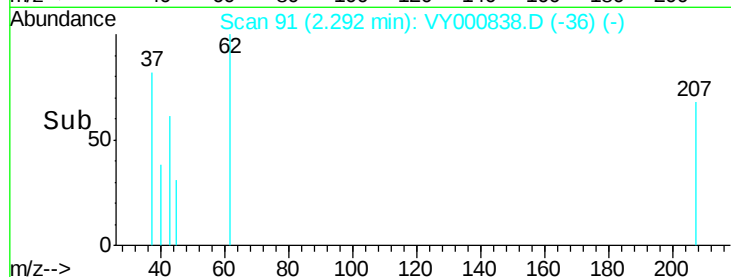
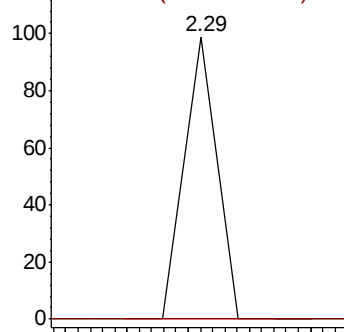
62 100

64 0.0 25.1 37.7#



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0



#5

Bromomethane

Concen: 3.393 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.03 min

Lab File: VY000838.D

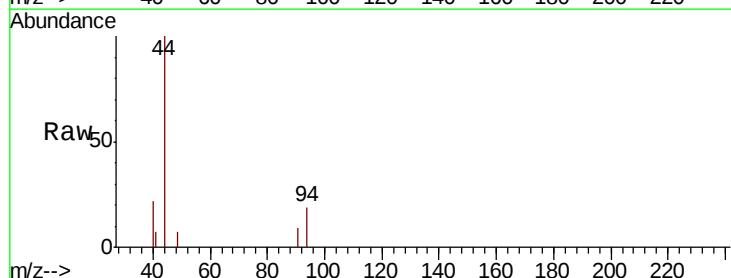
Acq: 03 Dec 2019 13:05

Tgt Ion: 94 Resp: 85

Ion Ratio Lower Upper

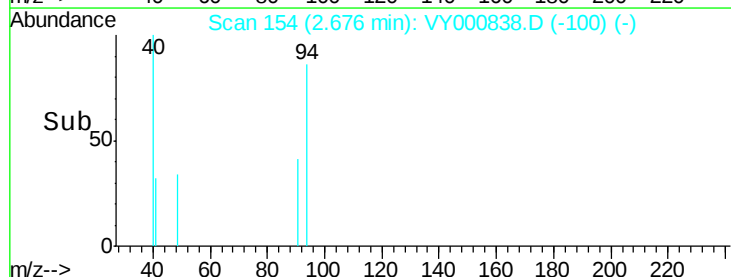
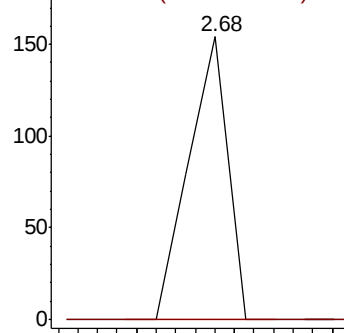
94 100

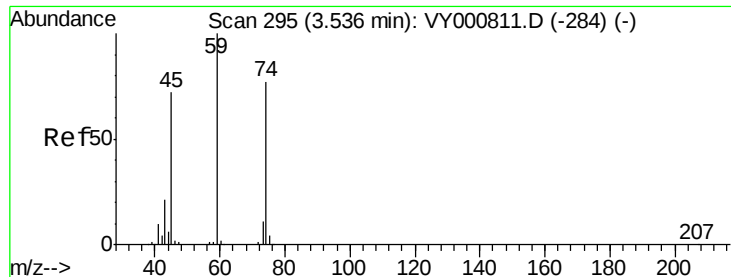
96 0.0 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0





#8

Diethyl Ether

Concen: 3.269 ug/l

RT: 3.46 min Scan# 282

Delta R.T. -0.08 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

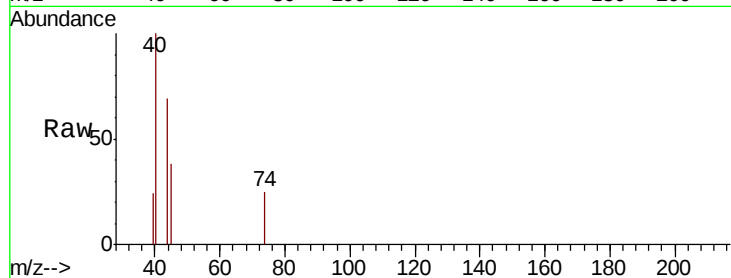
TR-05-112619RE

Tot Ion: 74 Resp: 58

Ion Ratio Lower Upper

74 100

45 134.5 49.0 147.0



Abundance Ion 74.00 (73.70 to 74.70): VY000838.D (-246) (-)

Ion 45.00 (44.70 to 45.70): VY000838.D (-246) (-)

150

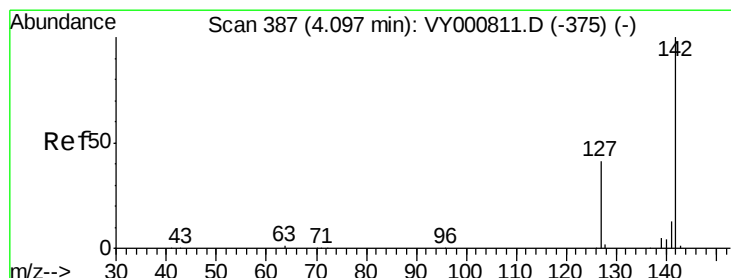
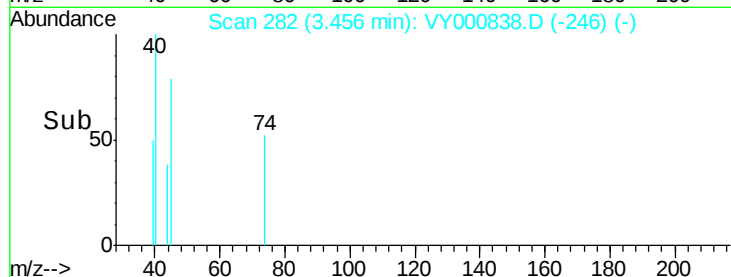
100

50

0

3.44 3.46

Time-->



#10

Methyl Iodide

Concen: 1.419 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

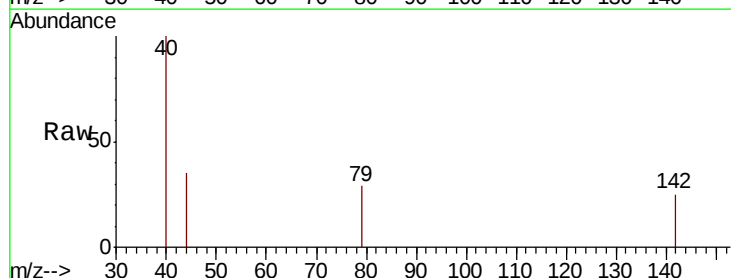
Tgt Ion: 142 Resp: 52

Ion Ratio Lower Upper

142 100

127 0.0 33.8 50.8#

141 0.0 10.9 16.3#



Abundance Ion 141.80 (141.50 to 142.50): VY000838.D (-338) (-)

Ion 126.80 (126.50 to 127.50): VY000838.D (-338) (-)

Ion 140.80 (140.50 to 141.50): VY000838.D (-338) (-)

150

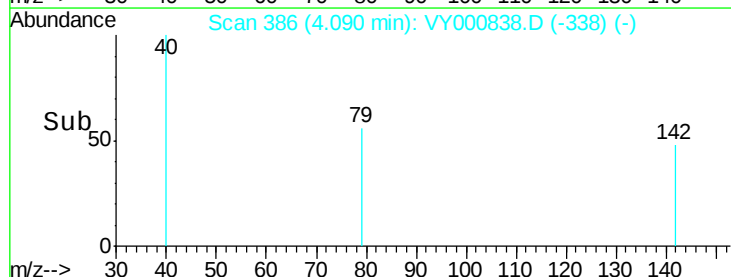
100

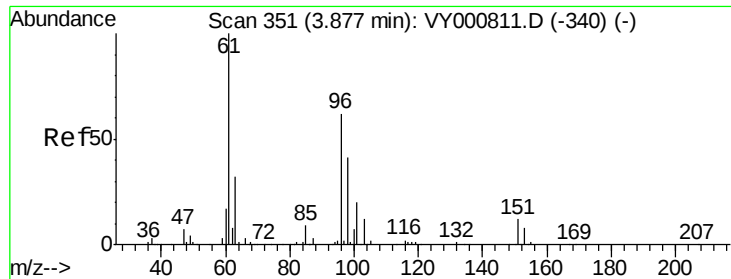
50

0

4.07 4.09 4.10 4.11

Time-->





#12

1,1-Dichloroethene

Concen: 2.011 ug/l

RT: 3.85 min Scan# 346

Delta R.T. -0.03 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-112619RE

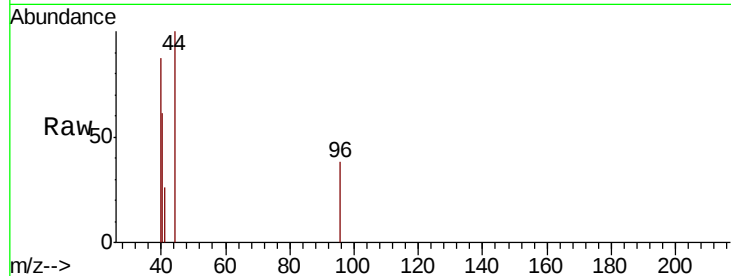
Tot Ion: 96 Resp: 58

Ion Ratio Lower Upper

96 100

61 0.0 129.4 194.2#

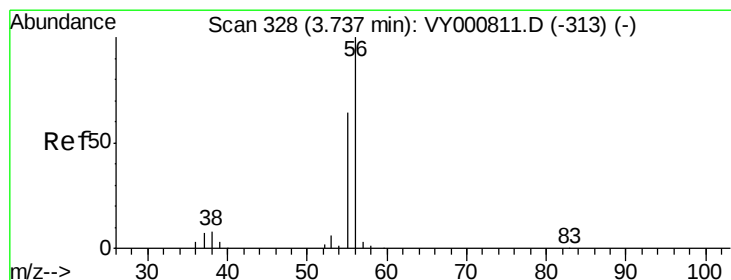
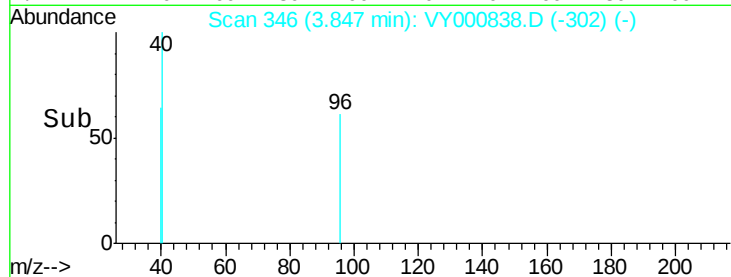
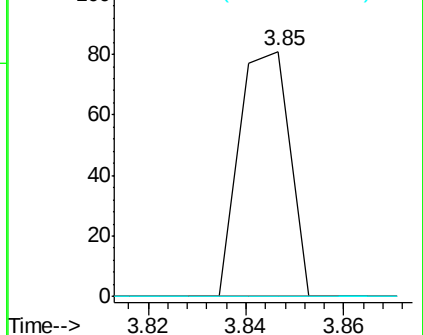
98 0.0 53.4 80.0#



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#13

Acrolein

Concen: 20.581 ug/l

RT: 3.59 min Scan# 304

Delta R.T. -0.15 min

Lab File: VY000838.D

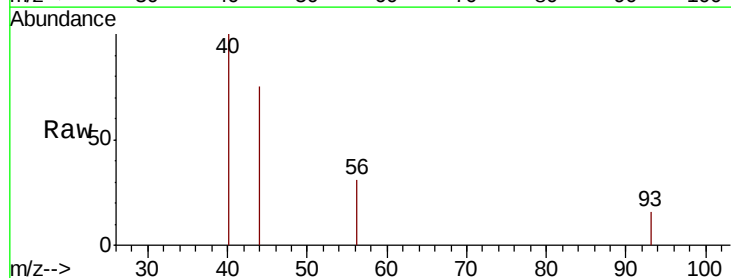
Acq: 03 Dec 2019 13:05

Tgt Ion: 56 Resp: 57

Ion Ratio Lower Upper

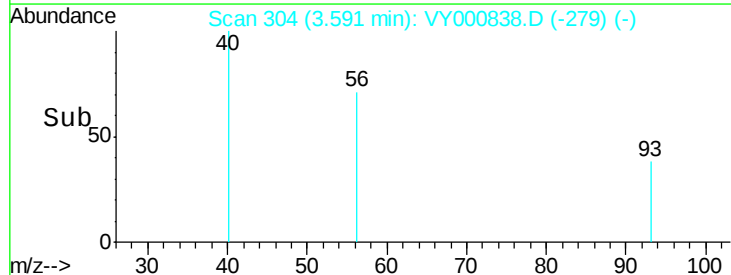
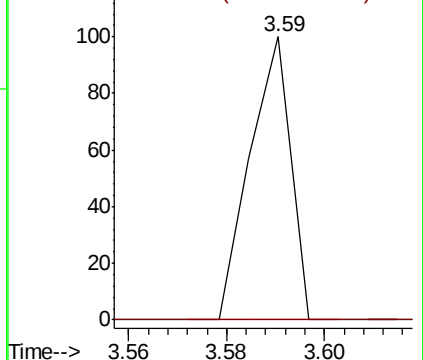
56 100

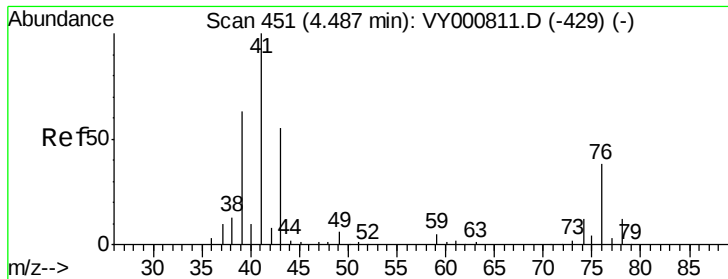
55 0.0 55.7 83.5#



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

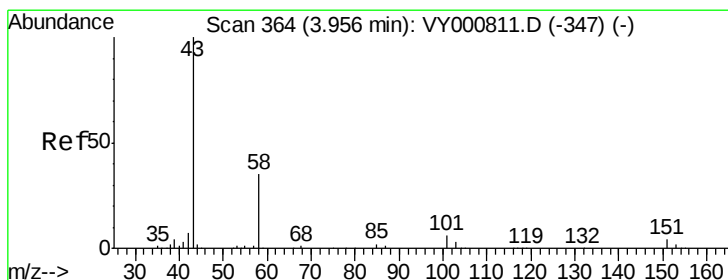
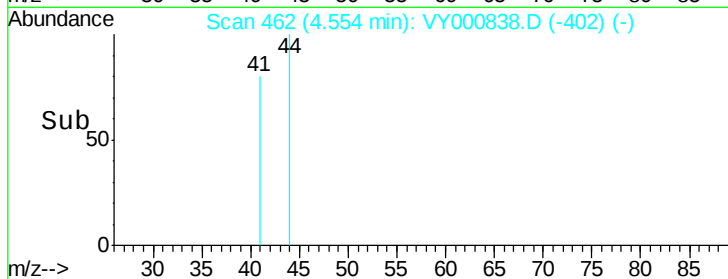
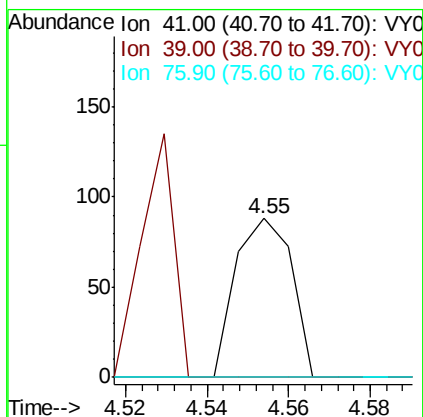
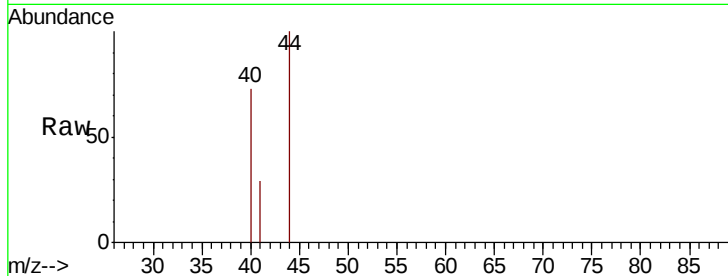




#14
Allvl chloride
Concen: 1.719 ug/l
RT: 4.55 min Scan# 462
Delta R.T. 0.07 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

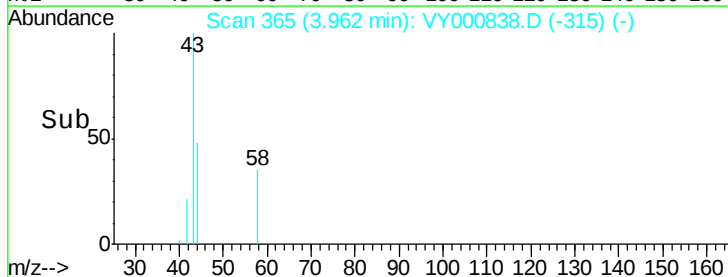
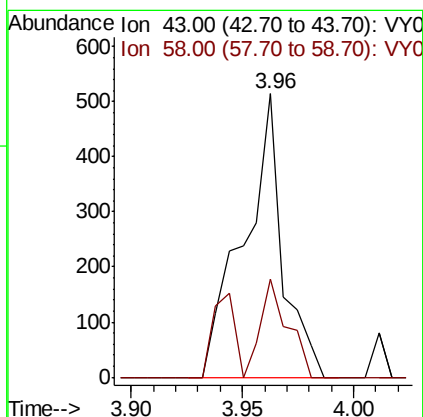
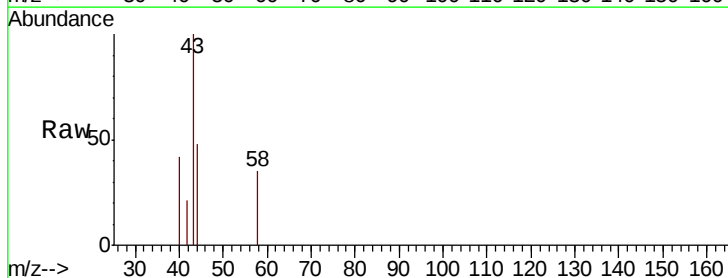
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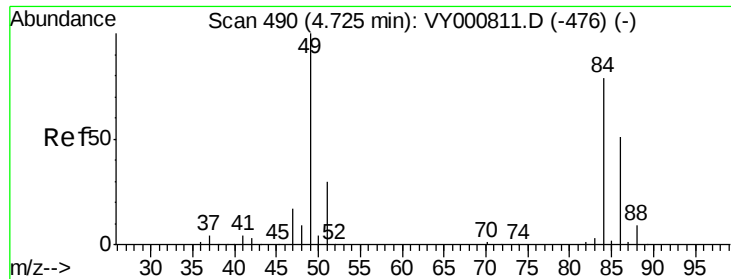
Tot Ion: 41 Resp: 85
Ion Ratio Lower Upper
41 100
39 0.0 49.2 73.8#
76 0.0 29.2 43.8#



#16
Acetone
Concen: 97.336 ug/l
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0

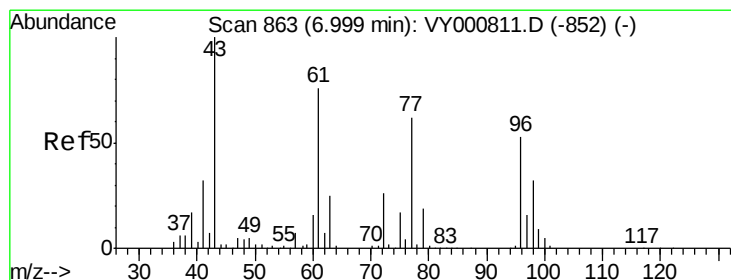
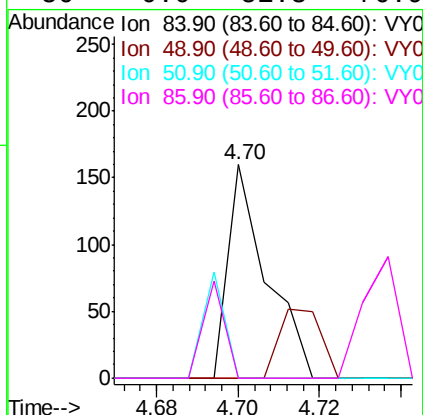
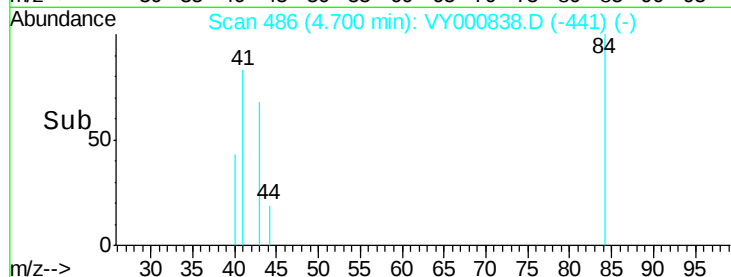
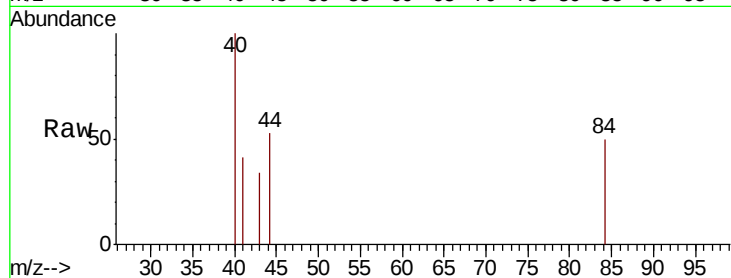




#20
Methvlene Chloride
Concen: 3.107 ug/l
RT: 4.70 min Scan# 486
Delta R.T. -0.02 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

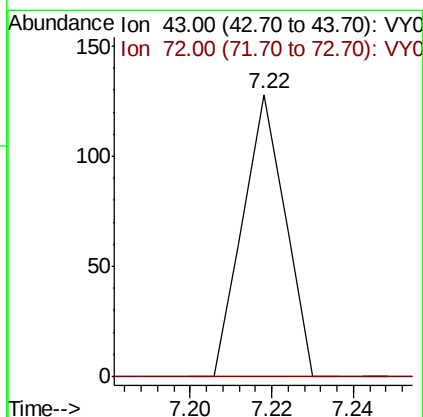
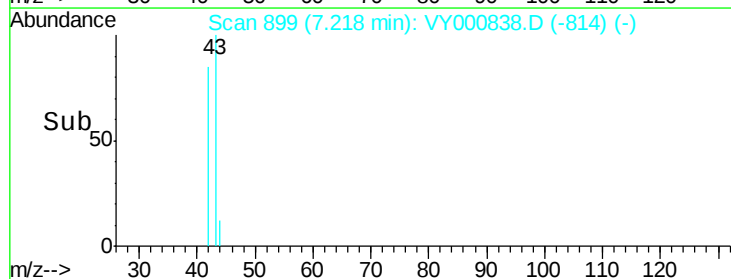
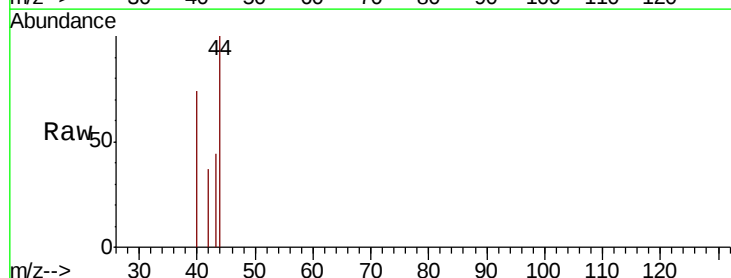
Instrument :
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TR-05-112619RE

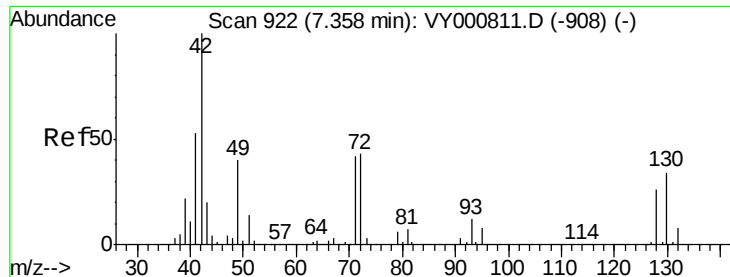
Tot Ion: 84 Resp: 105
Ion Ratio Lower Upper
84 100
49 0.0 101.3 151.9#
51 0.0 30.6 45.8#
86 0.0 51.3 76.9#



#25
2-Butanone
Concen: 7.853 ug/l
RT: 7.22 min Scan# 899
Delta R.T. 0.22 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
72 0.0 21.0 31.4#





#29

Tetrahydrofuran

Concen: 6.626 ug/l

RT: 7.43 min Scan# 934

Delta R.T. 0.07 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-112619RE

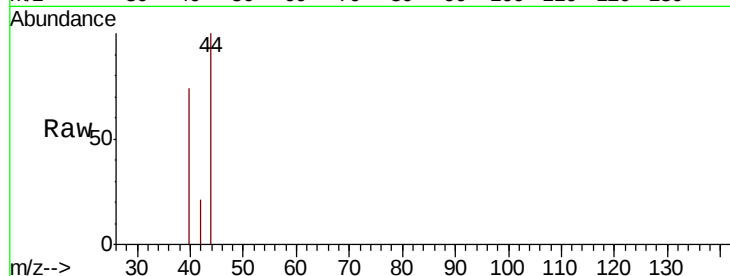
Tot Ion: 42 Resp: 52

Ion Ratio Lower Upper

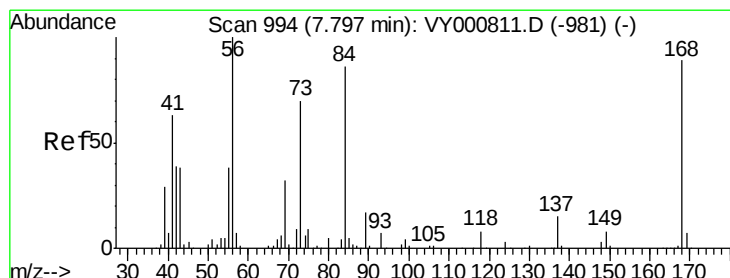
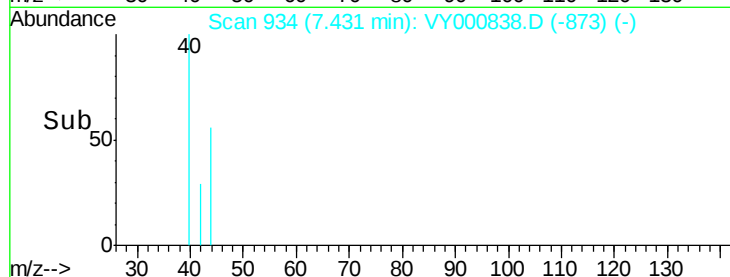
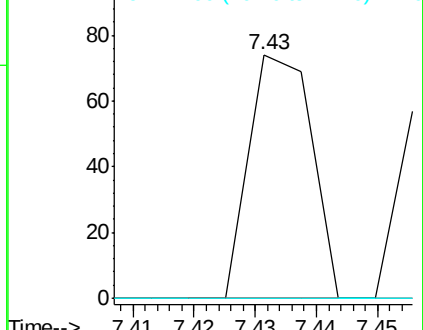
42 100

72 0.0 35.1 52.7#

71 0.0 32.8 49.2#



Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0



#31

Cyclohexane

Concen: 1.146 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

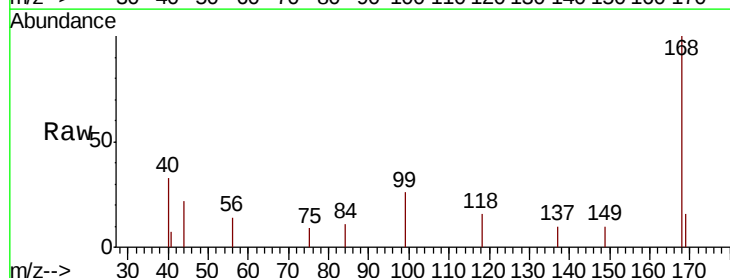
Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

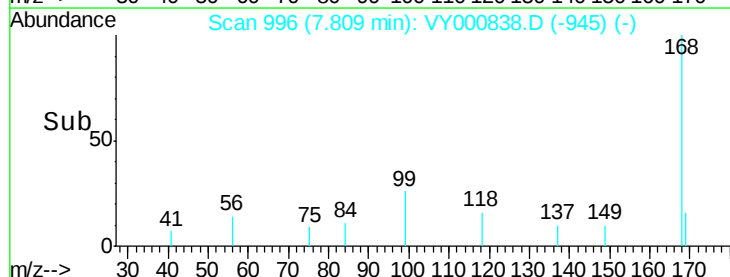
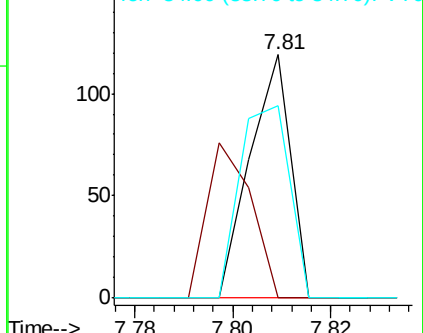
56 100

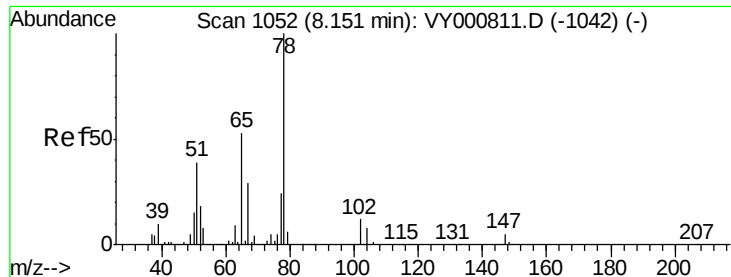
69 0.0 25.9 38.9#

84 79.0 68.6 102.8



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0





#33

1,2-Dichloroethane-d4

Concen: 85.630 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

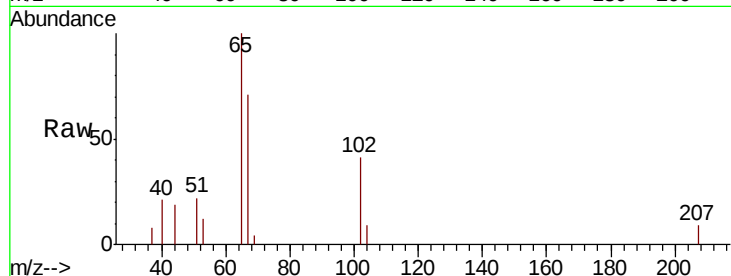
TR-05-112619RE

Tot Ion: 65 Resp: 2393

Ion Ratio Lower Upper

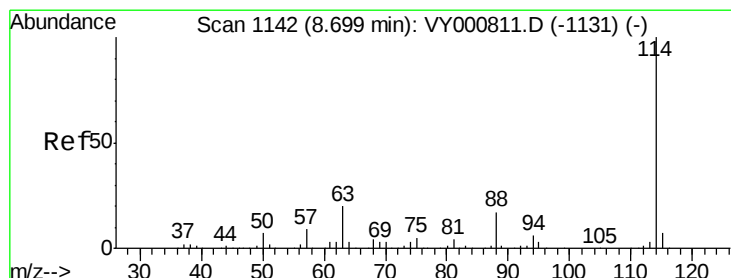
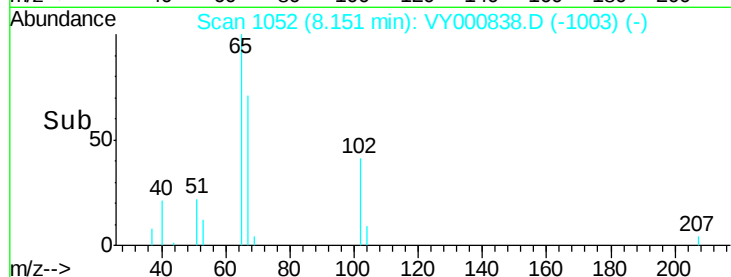
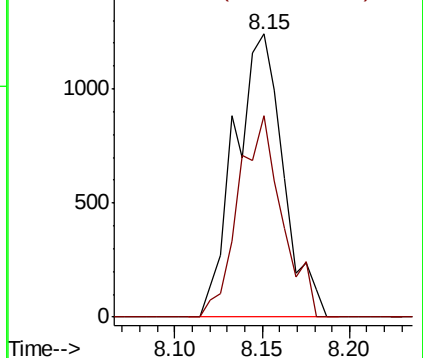
65 100

67 64.2 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

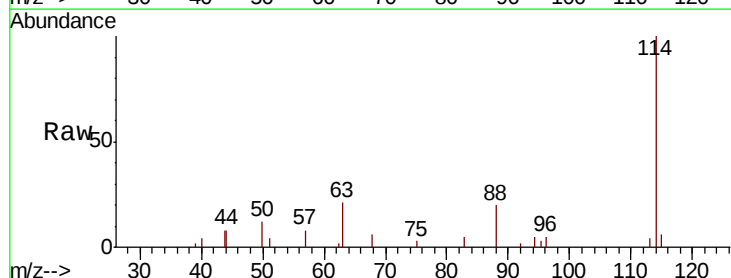
Tgt Ion: 114 Resp: 5914

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.8

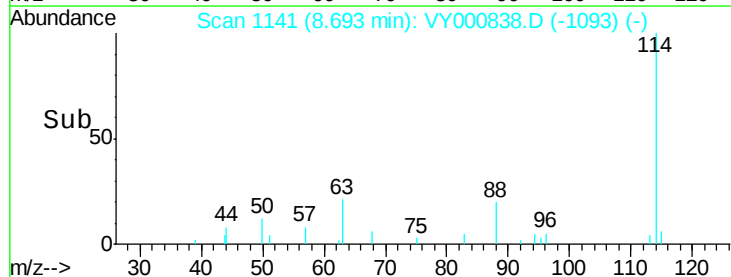
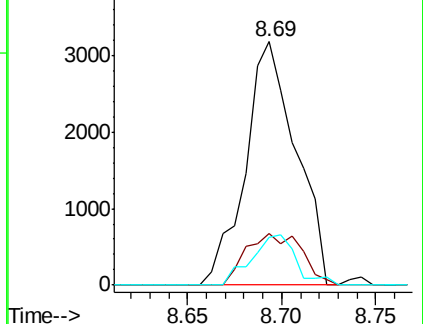
88 19.6 0.0 33.2

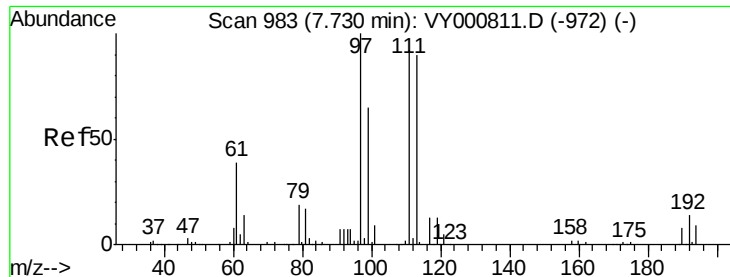


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 15.667 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-112619RE

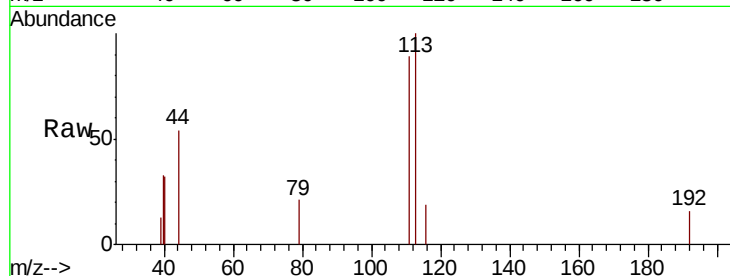
Tot Ion:113 Resp: 540

Ion Ratio Lower Upper

113 100

111 156.3 82.4 123.6#

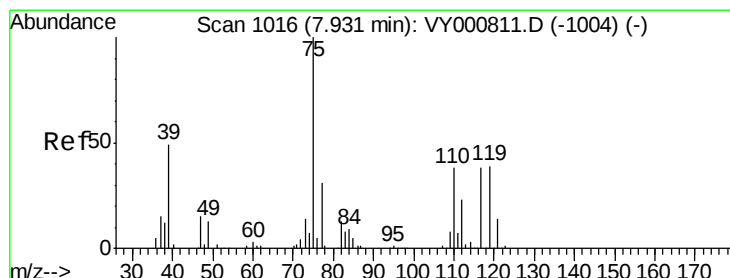
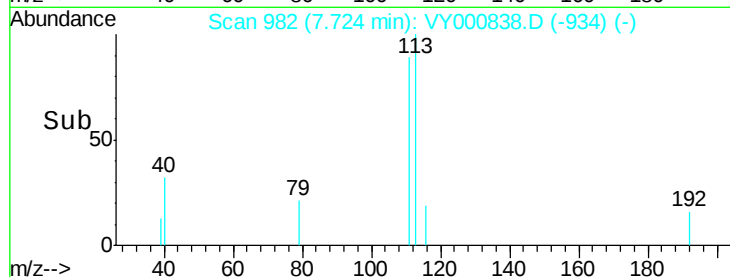
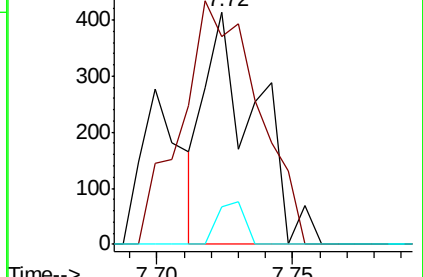
192 9.8 14.2 21.2#



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.180 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.13 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

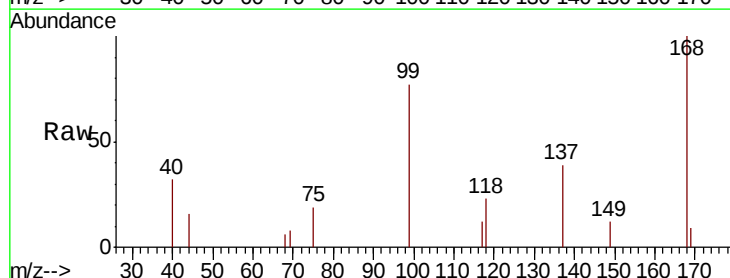
Tgt Ion: 75 Resp: 187

Ion Ratio Lower Upper

75 100

110 0.0 17.9 53.7#

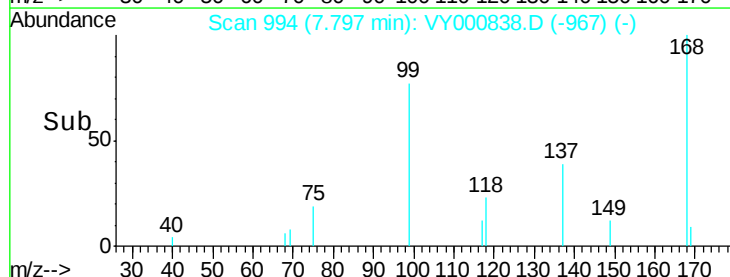
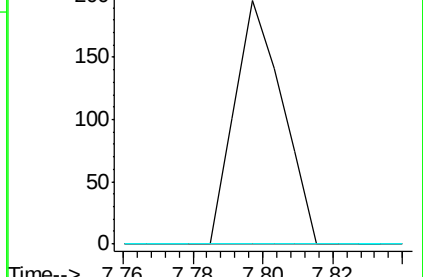
77 0.0 24.7 37.1#

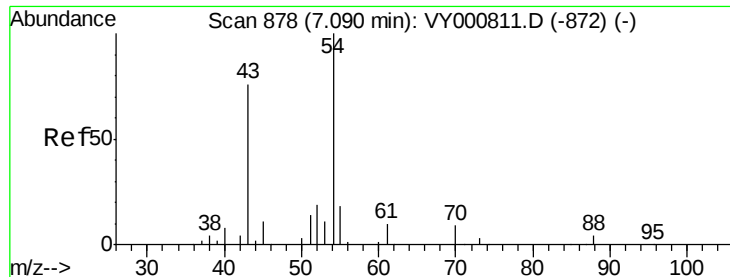


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

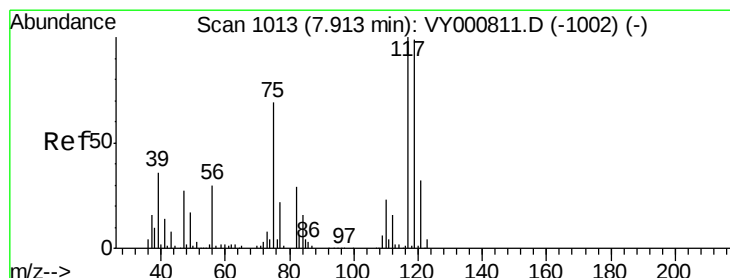
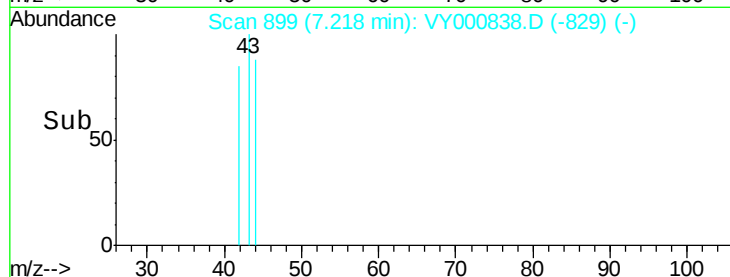
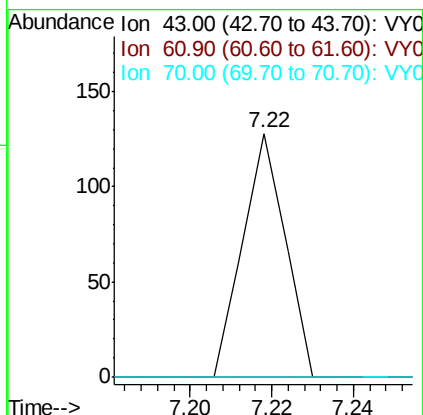
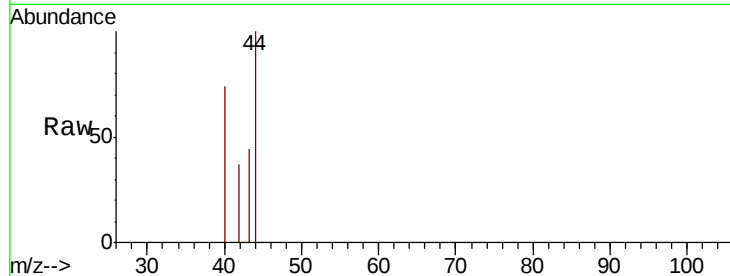




#37
Ethyl Acetate
Concen: 2.739 ug/l
RT: 7.22 min Scan# 899
Delta R.T. 0.13 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

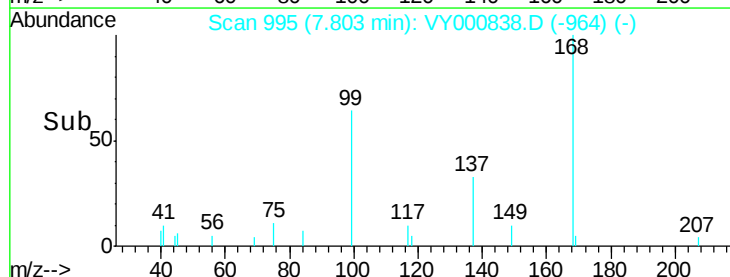
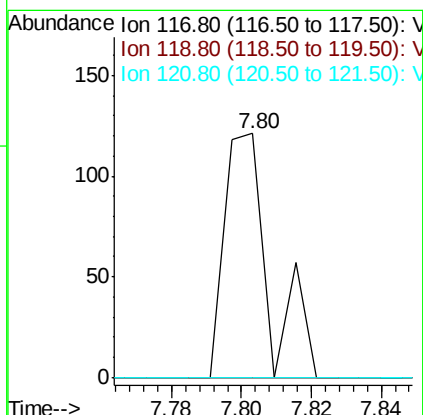
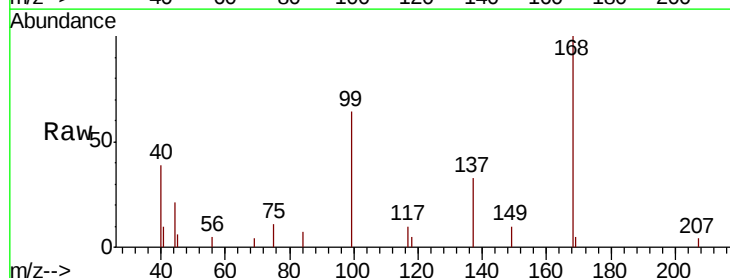
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112619RE

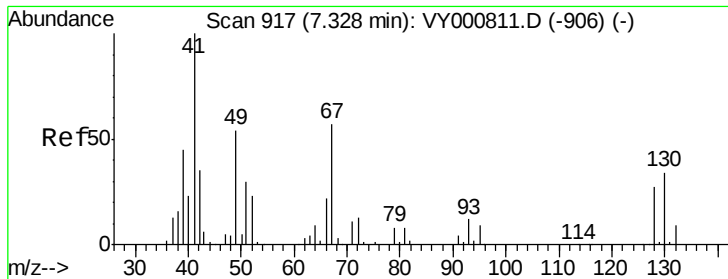
Tot Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.8#
70 0.0 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 2.062 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Tgt Ion: 117 Resp: 108
Ion Ratio Lower Upper
117 100
119 0.0 79.3 118.9#
121 0.0 25.5 38.3#

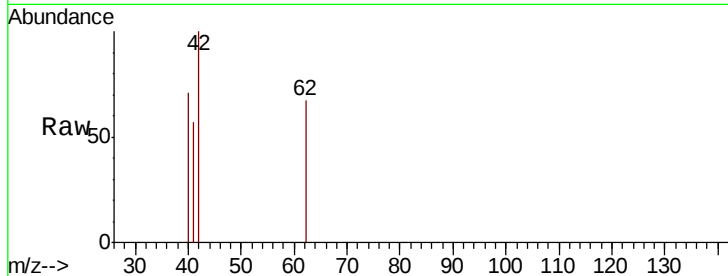




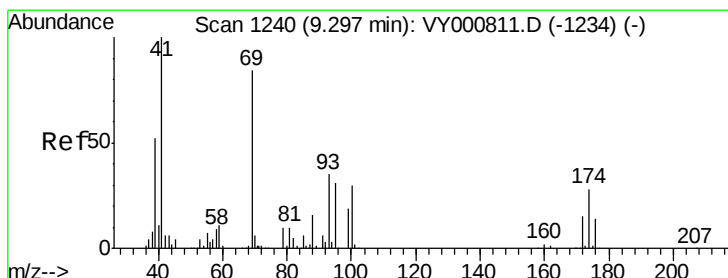
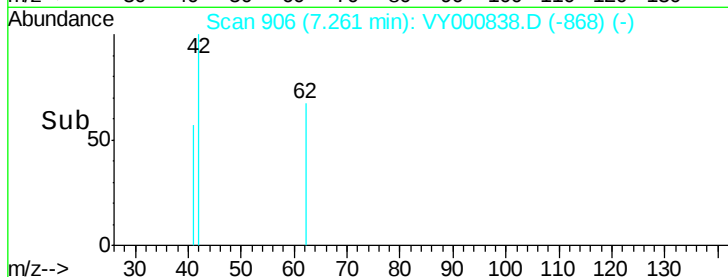
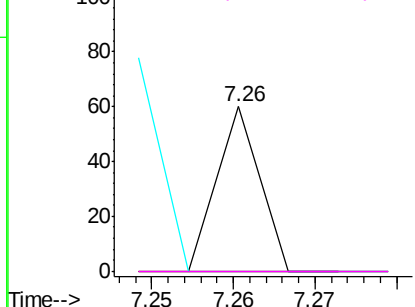
#41
Methacrylonitrile
Concen: 1.229 ug/l
RT: 7.26 min Scan# 906
Delta R.T. -0.07 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112619RE

Tot Ion:	41	Resp:	22
Ion	Ratio	Lower	Upper
41	100		
39	0.0	95.7	143.5#
67	131.8	0.0	0.0#
52	0.0	0.0	0.0

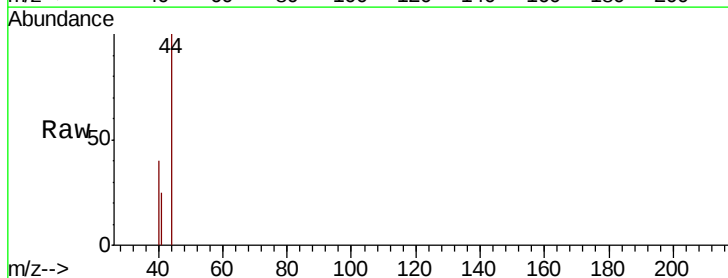


Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0

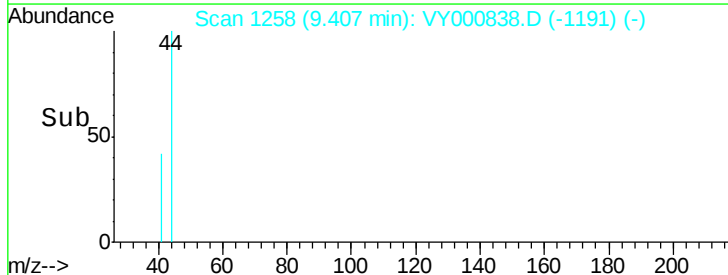
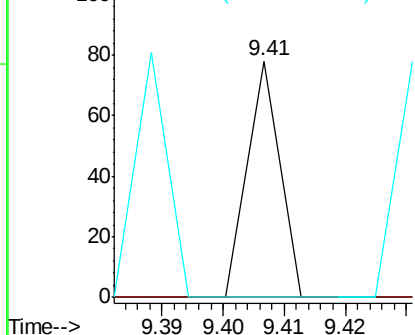


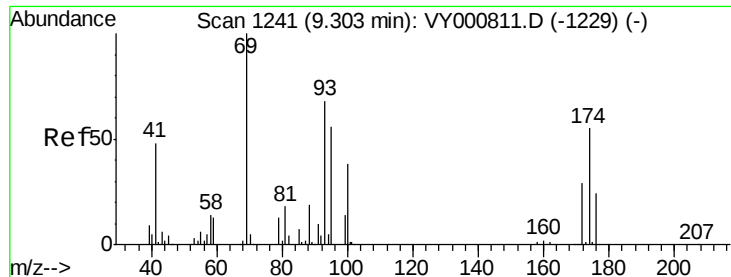
#48
Methyl methacrylate
Concen: 1.031 ug/l
RT: 9.41 min Scan# 1258
Delta R.T. 0.11 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Tgt Ion:	41	Resp:	29
Ion	Ratio	Lower	Upper
41	100		
69	0.0	70.4	105.6#
39	103.4	40.9	61.3#



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0

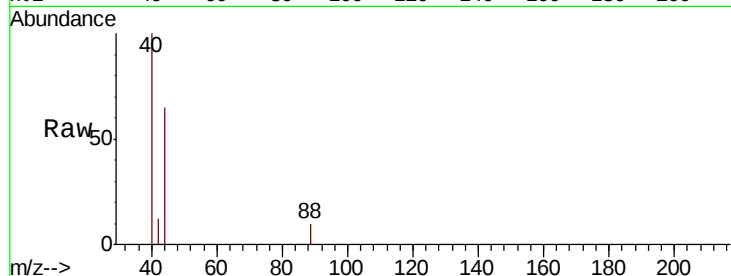




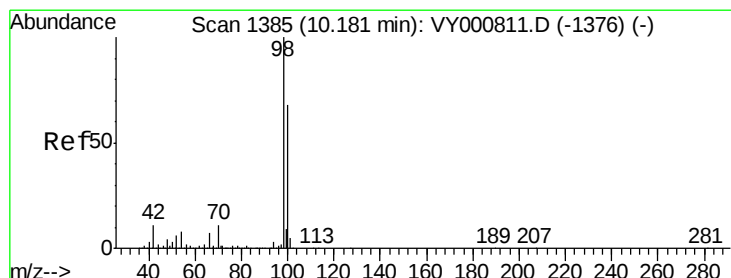
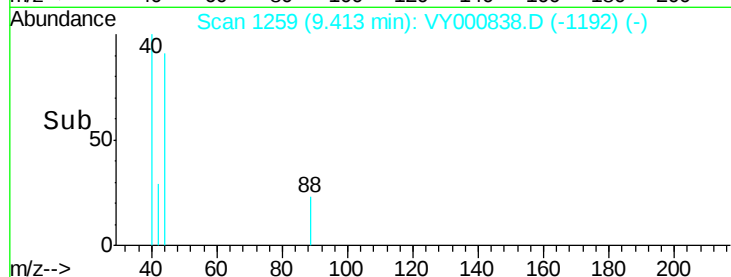
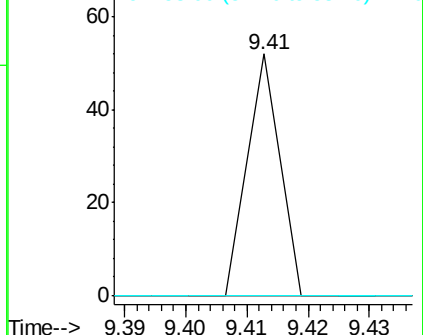
#49
1,4-Dioxane
Concen: 59.652 ug/l
RT: 9.41 min Scan# 1259
Delta R.T. 0.11 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112619RE

Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 21.1 31.7#
58 0.0 50.7 76.1#

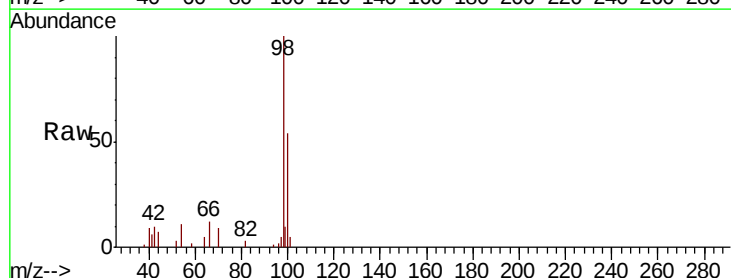


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

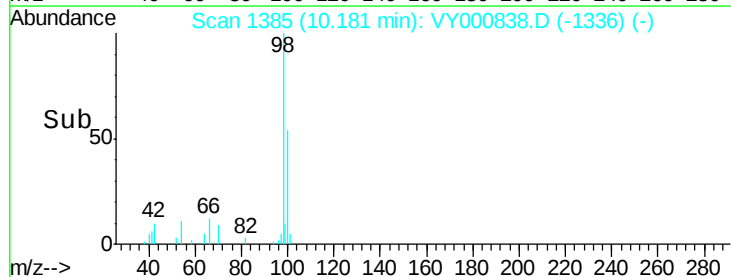
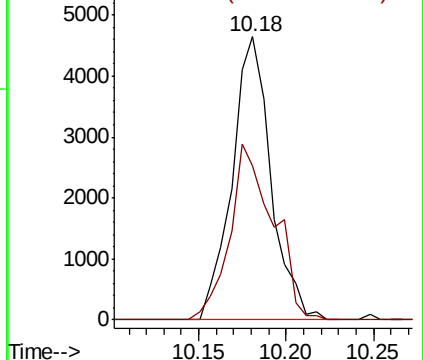


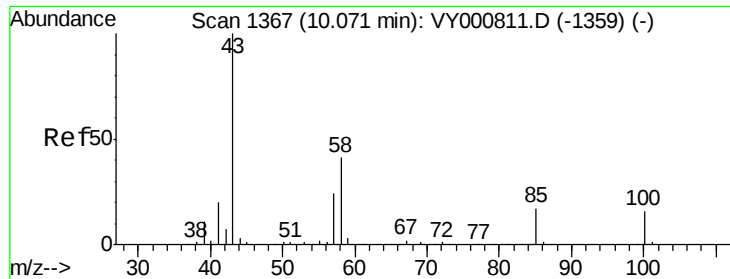
#50
Toluene-d8
Concen: 52.193 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Tgt Ion: 98 Resp: 7192
Ion Ratio Lower Upper
98 100
100 69.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#51

4-Methyl-2-Pentanone

Concen: 8.318 ug/l

RT: 10.09 min Scan# 1370

Delta R.T. 0.02 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

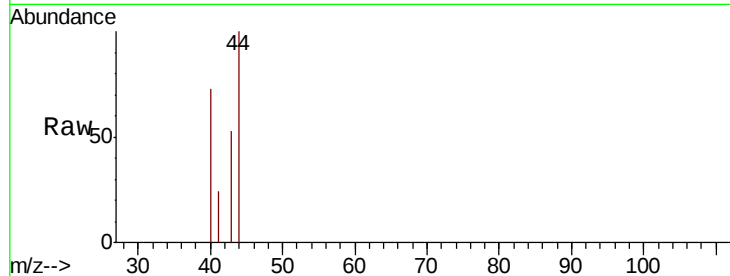
TR-05-112619RE

Tot Ion: 43 Resp: 275

Ion Ratio Lower Upper

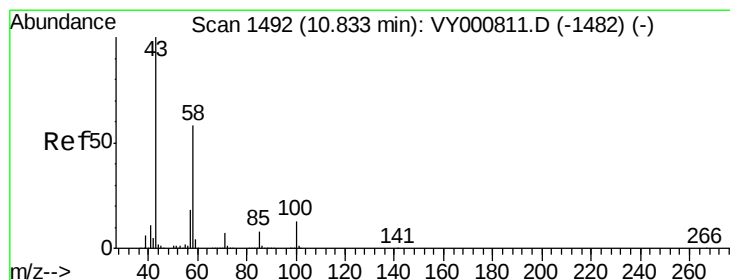
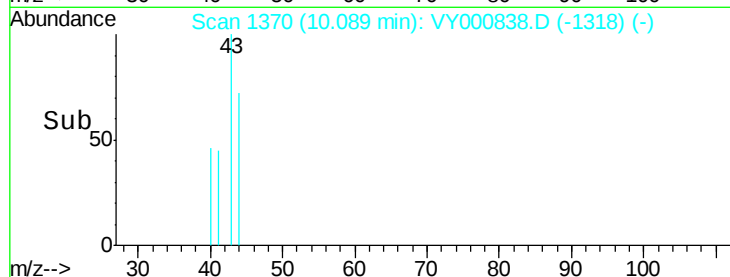
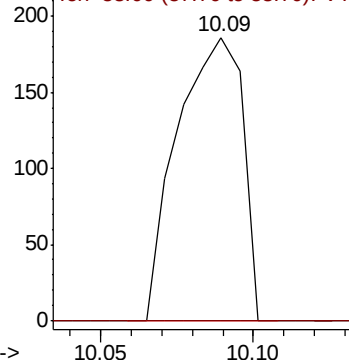
43 100

58 0.0 33.1 49.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#59

2-Hexanone

Concen: 4.732 ug/l

RT: 10.83 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VY000838.D

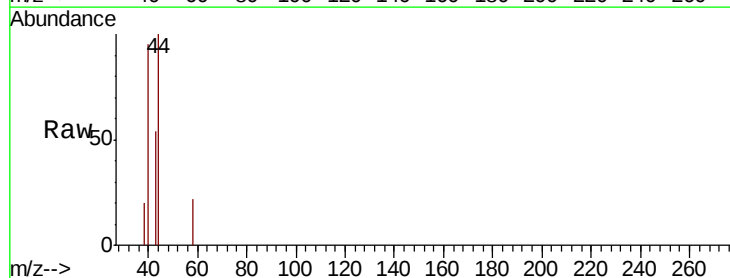
Acq: 03 Dec 2019 13:05

Tgt Ion: 43 Resp: 114

Ion Ratio Lower Upper

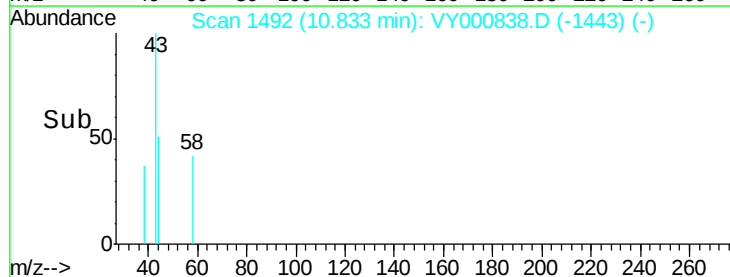
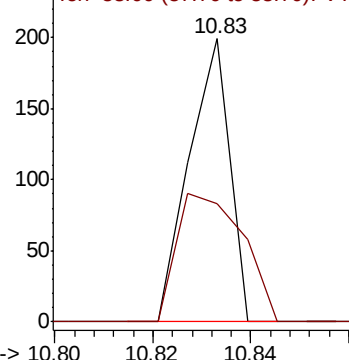
43 100

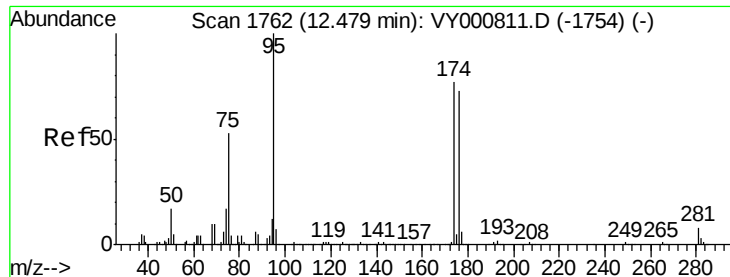
58 74.6 29.0 87.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

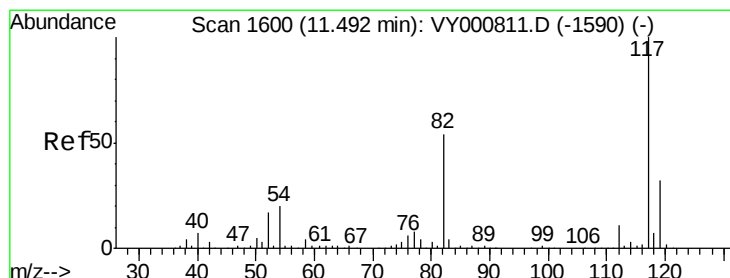
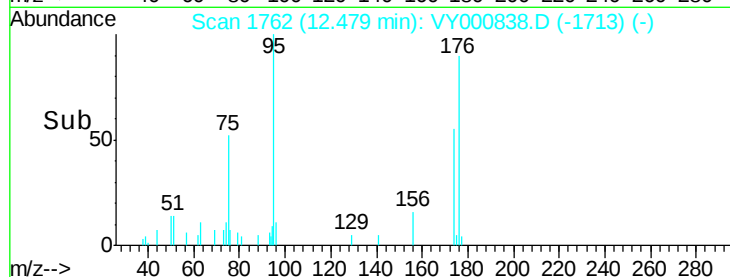
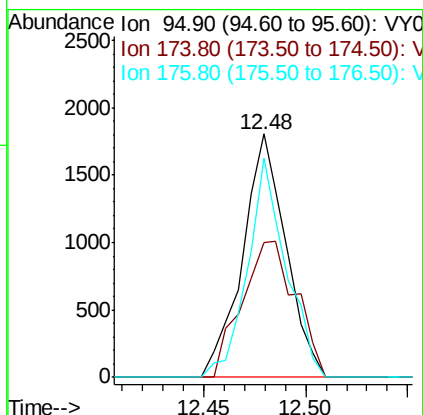
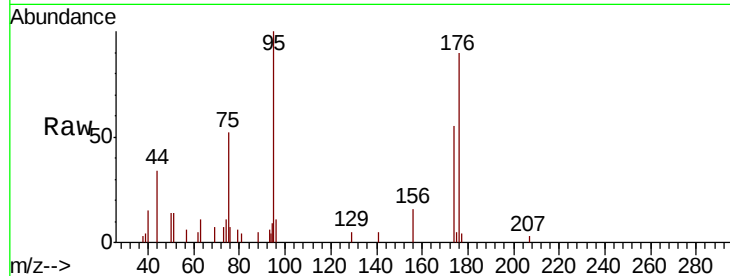




#62
4-Bromofluorobenzene
Concen: 51.556 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

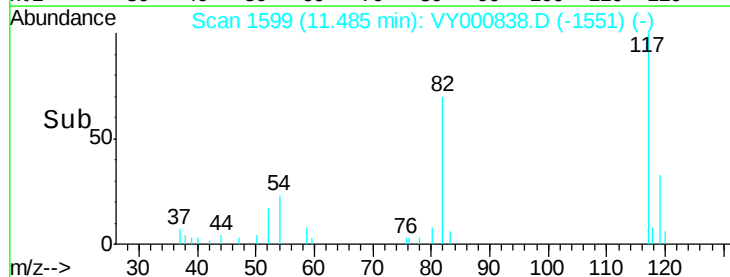
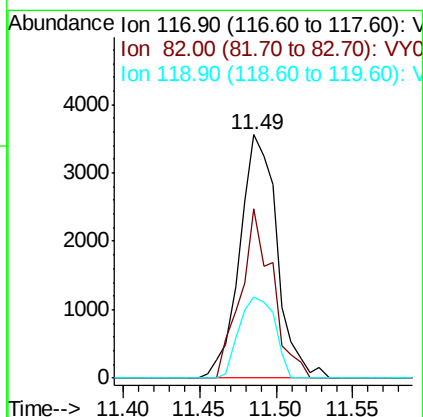
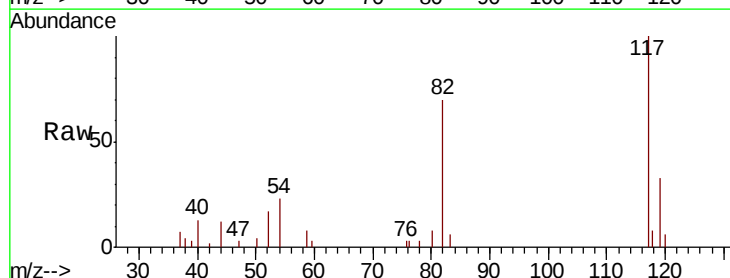
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112619RE

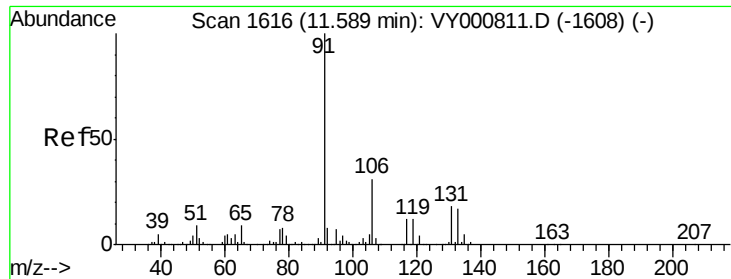
Tot Ion: 95 Resp: 2668
Ion Ratio Lower Upper
95 100
174 69.5 0.0 150.6
176 80.1 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Tgt Ion: 117 Resp: 6027
Ion Ratio Lower Upper
117 100
82 69.8 43.1 64.7#
119 33.3 25.3 37.9

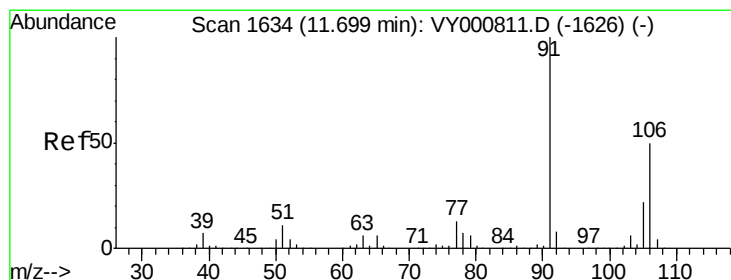
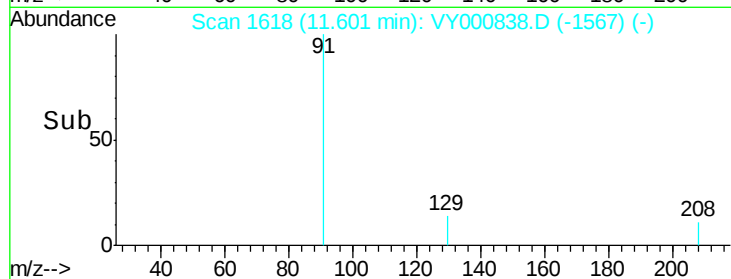
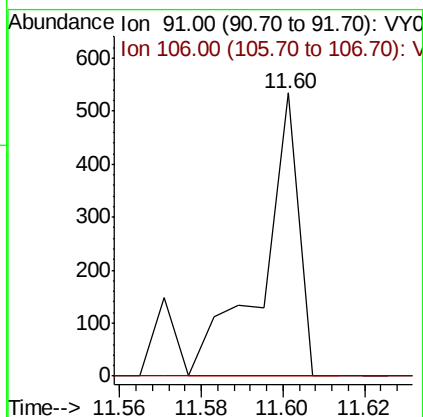
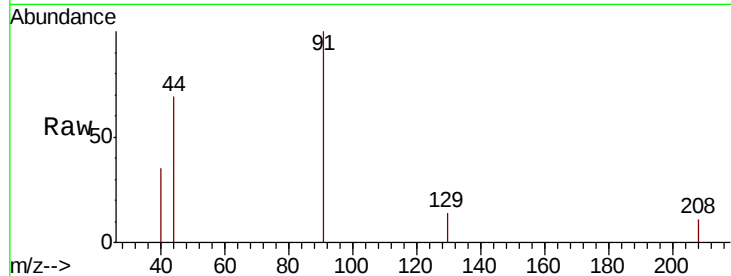




#67
Ethyl Benzene
Concen: 1.427 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

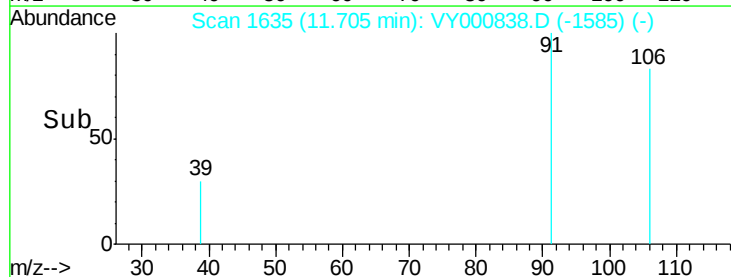
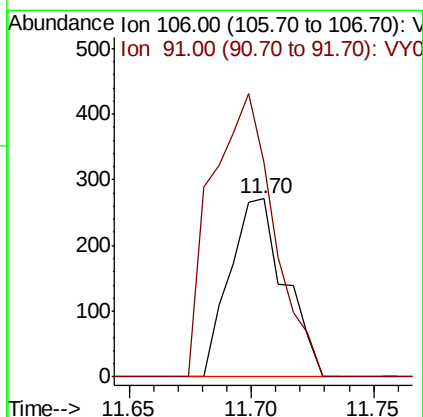
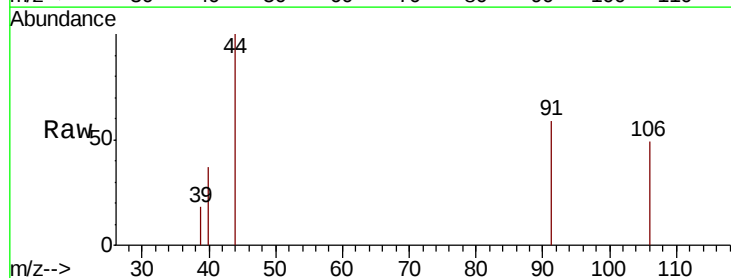
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112619RE

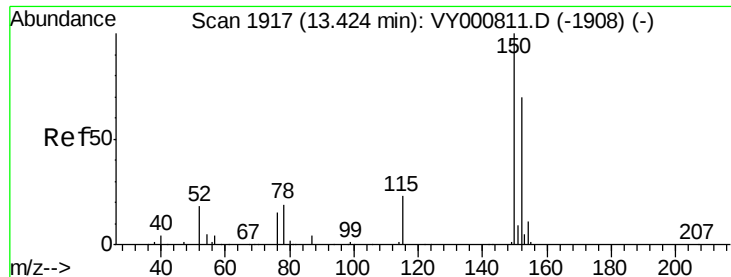
Tot Ion: 91 Resp: 333
Ion Ratio Lower Upper
91 100
106 0.0 24.4 36.6#



#68
m/p-Xylenes
Concen: 4.853 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Tgt Ion: 106 Resp: 425
Ion Ratio Lower Upper
106 100
91 179.5 159.6 239.4



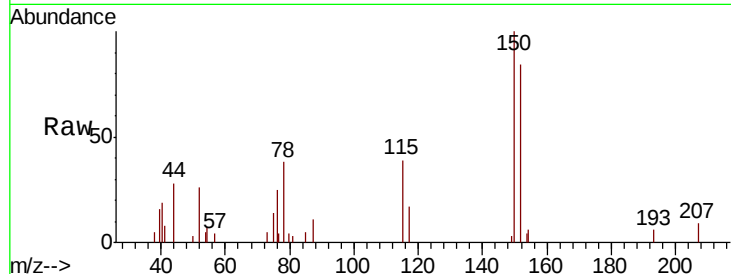


#72

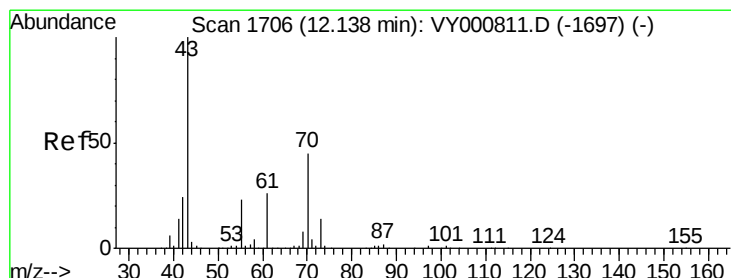
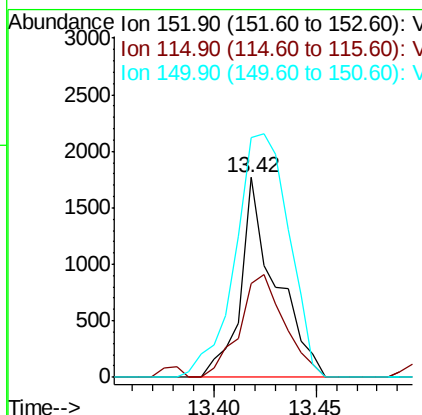
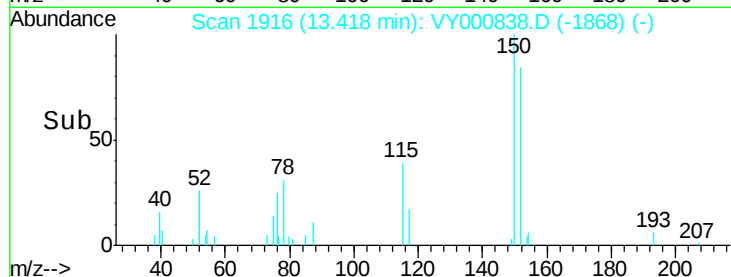
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112619RE

Tot Ion:152 Resp: 2111
Ion Ratio Lower Upper
152 100
115 66.2 29.3 87.8
150 185.8 0.0 351.2



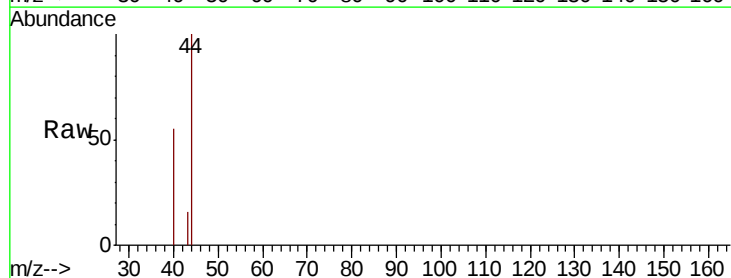
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



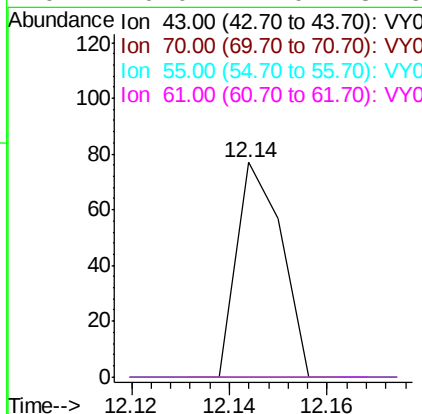
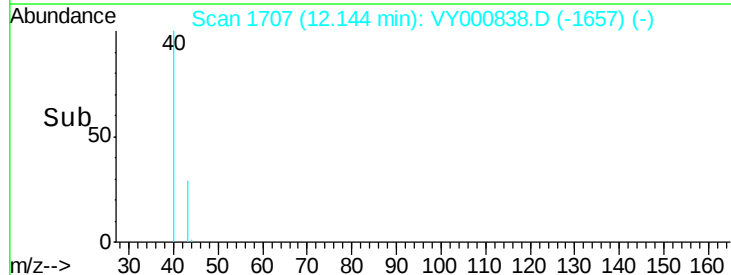
#74

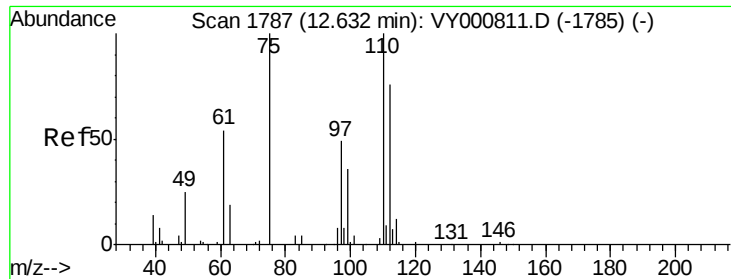
N-ethyl acetate
Concen: 1.047 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
70 0.0 36.6 54.8#
55 0.0 18.8 28.2#
61 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 70.00 (69.70 to 70.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 61.00 (60.70 to 61.70): VY0

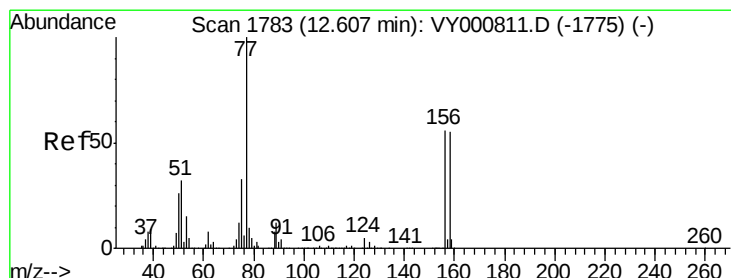
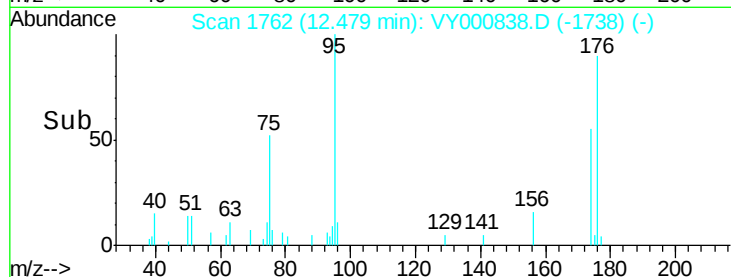
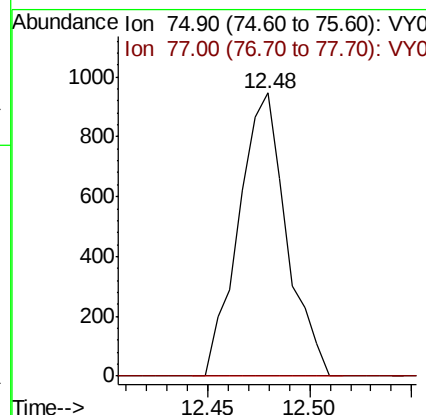
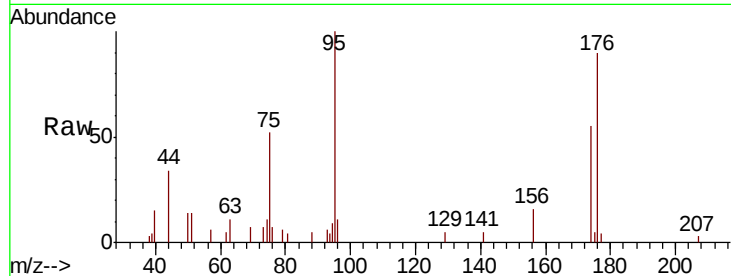




#76
 1,2,3-Trichloropropane
 Concen: 64.597 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.15 min
 Lab File: VY000838.D
 Acq: 03 Dec 2019 13:05

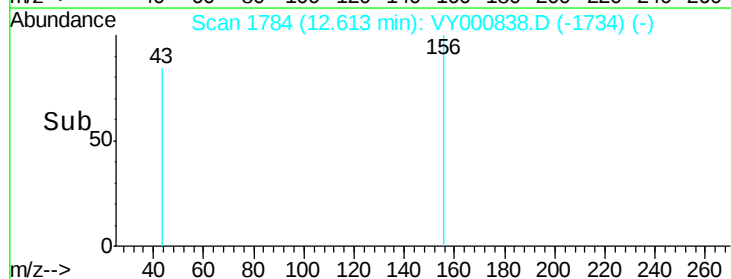
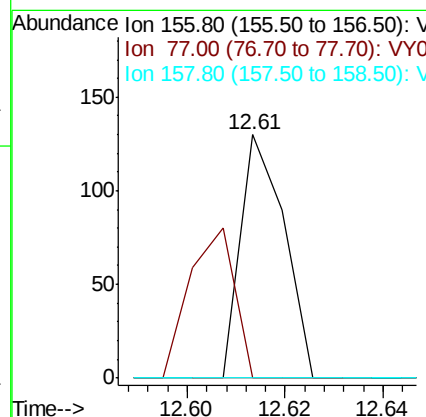
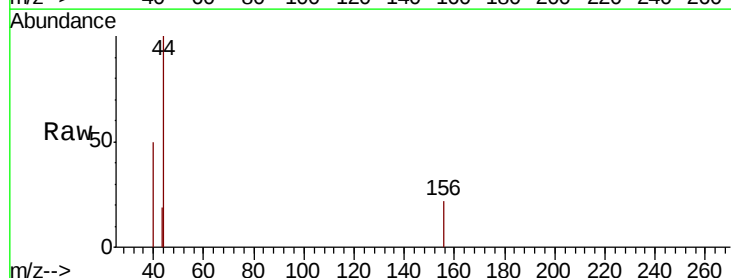
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-112619RE

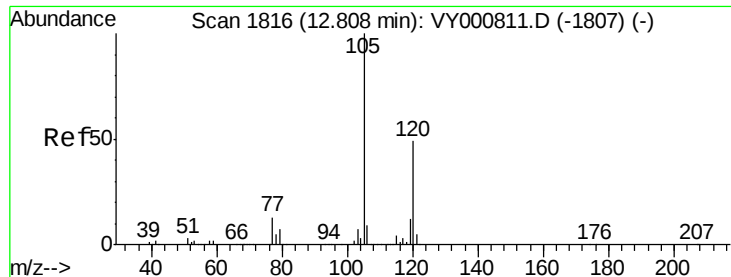
Tot Ion: 75 Resp: 1545
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



#77
 Bromobenzene
 Concen: 2.196 ug/l
 RT: 12.61 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: VY000838.D
 Acq: 03 Dec 2019 13:05

Tgt Ion: 156 Resp: 80
 Ion Ratio Lower Upper
 156 100
 77 63.7 102.6 307.7#
 158 0.0 47.6 142.8#





#80

1,3,5-Trimethylbenzene

Concen: 2.644 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

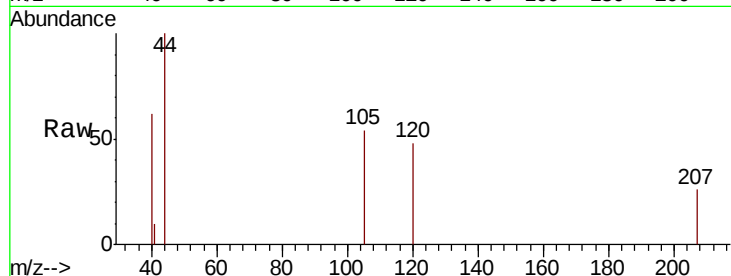
TR-05-112619RE

Tot Ion:105 Resp: 368

Ion Ratio Lower Upper

105 100

120 58.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.81

12.85

Time-->

Abundance

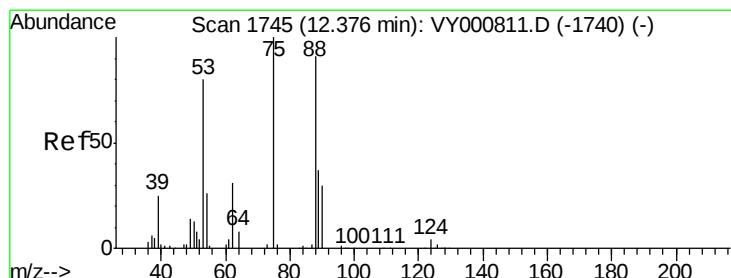
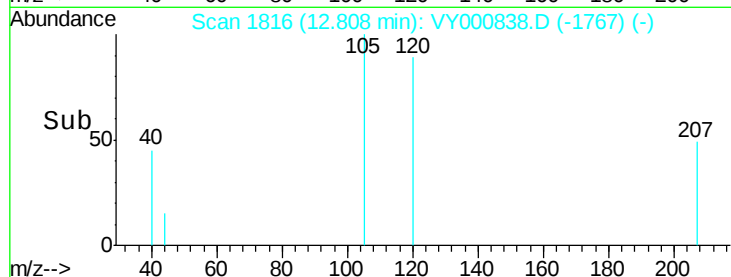
Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.81

12.85

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 126.888 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

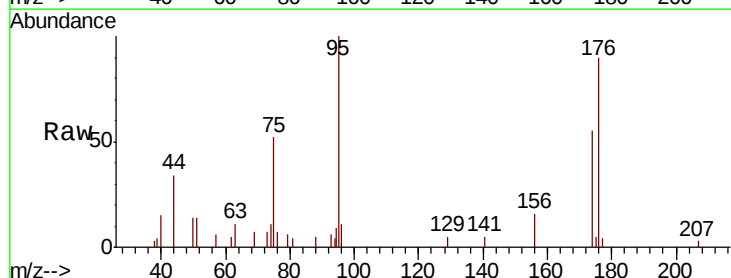
Tgt Ion: 75 Resp: 1545

Ion Ratio Lower Upper

75 100

53 0.0 64.6 96.8#

89 0.0 33.6 50.4#



Abundance Ion 74.90 (74.60 to 75.60): VY0

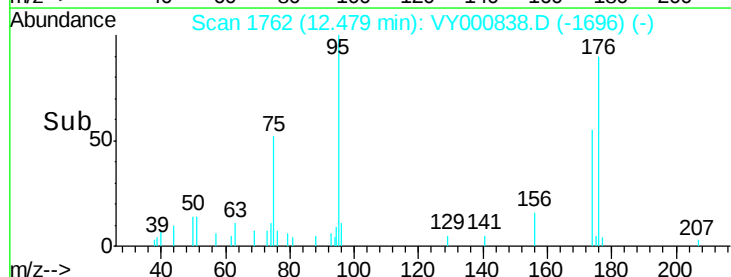
Ion 53.00 (52.70 to 53.70): VY0

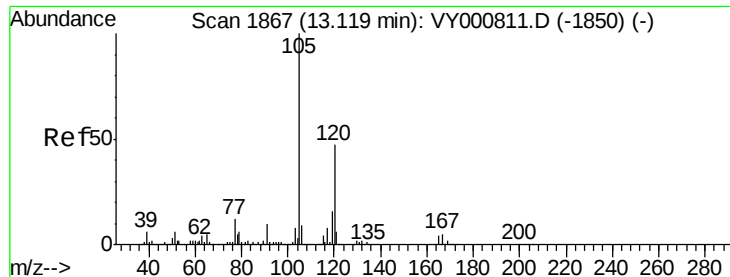
Ion 88.90 (88.60 to 89.60): VY0

12.48

12.50

Time-->





#84

1,2,4-Trimethylbenzene

Concen: 8.913 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

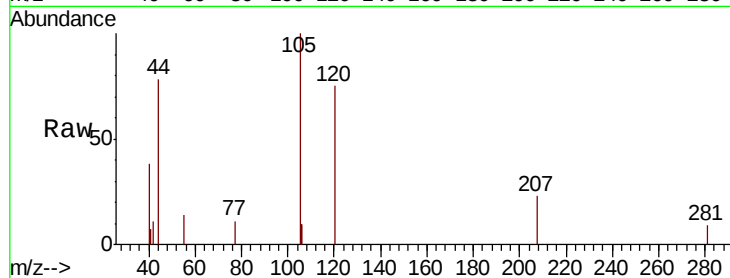
TR-05-112619RE

Tot Ion:105 Resp: 1241

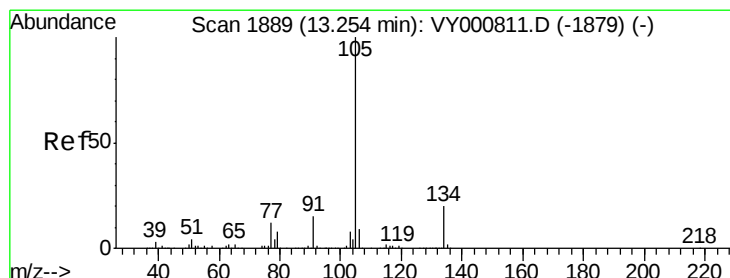
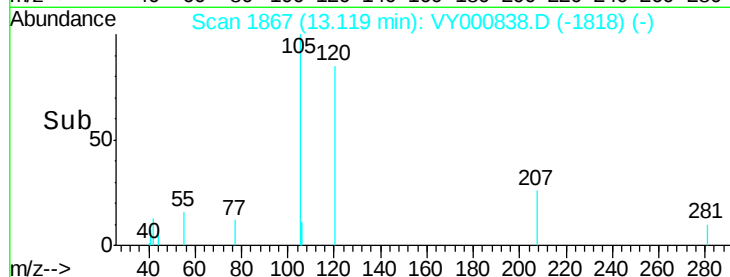
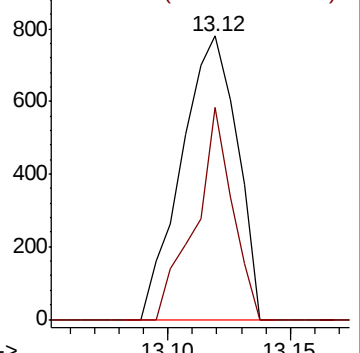
Ion Ratio Lower Upper

105 100

120 50.0 22.6 67.8



Abundance Ion 105.00 (104.70 to 105.70): V



#85

sec-Butylbenzene

Concen: 2.098 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000838.D

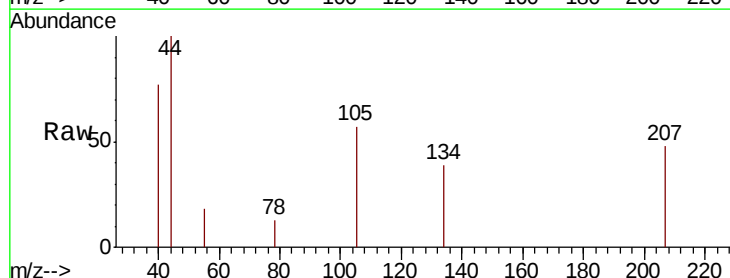
Acq: 03 Dec 2019 13:05

Tgt Ion:105 Resp: 357

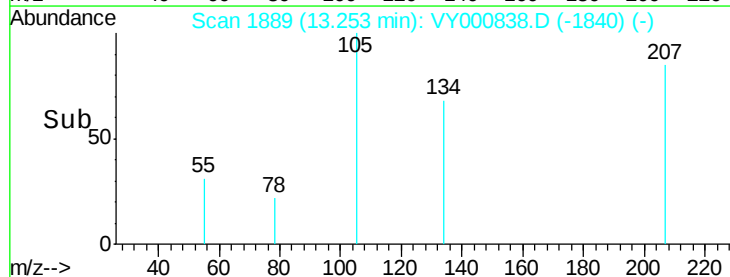
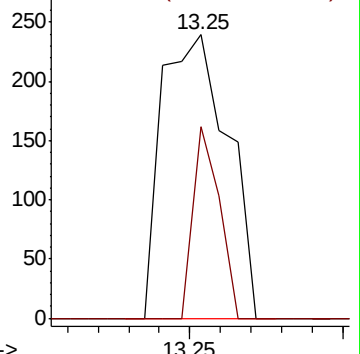
Ion Ratio Lower Upper

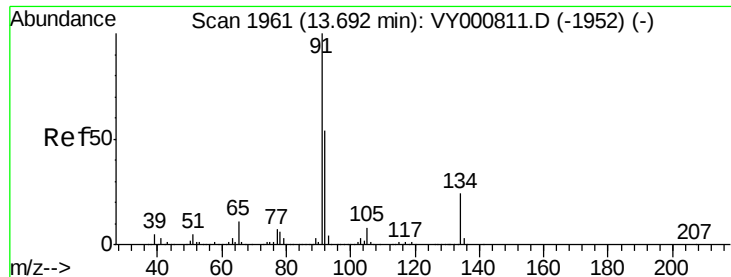
105 100

134 27.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

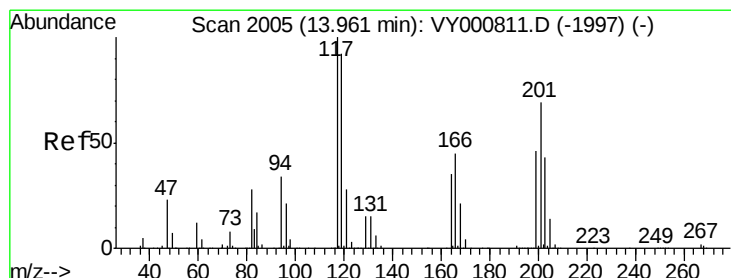
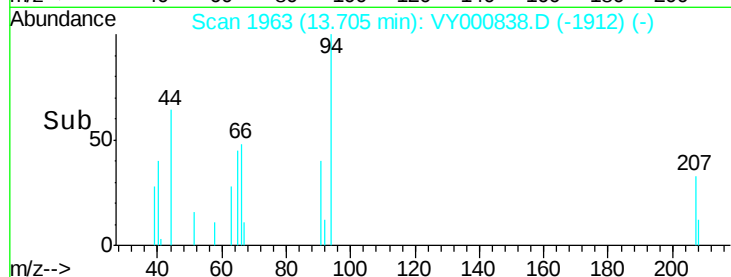
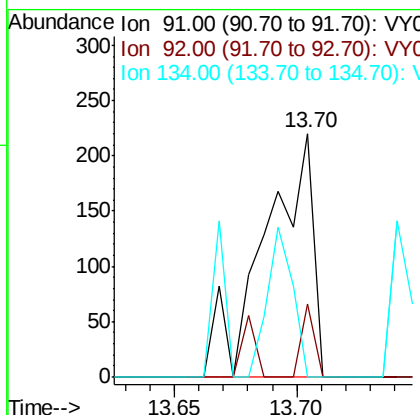
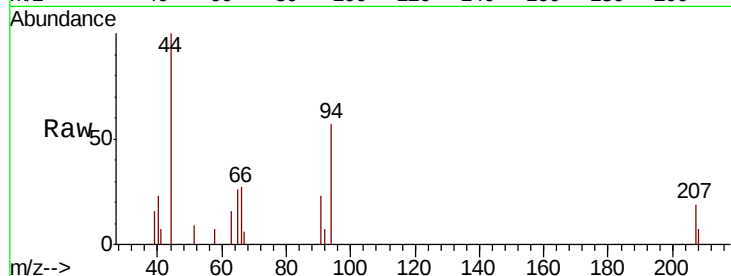




#89
n-Butylbenzene
Concen: 2.025 ug/l
RT: 13.70 min Scan# 1963
Delta R.T. 0.01 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

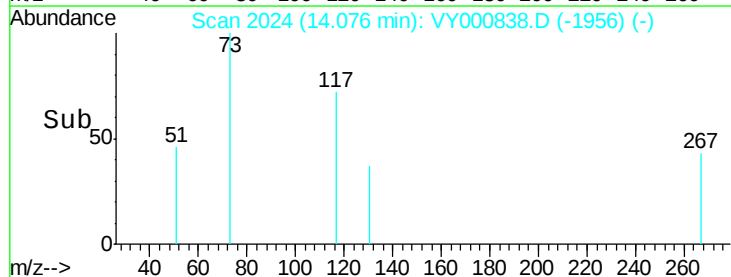
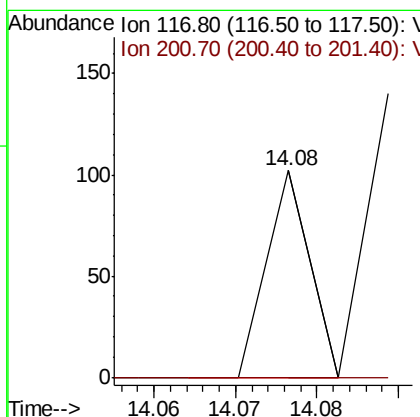
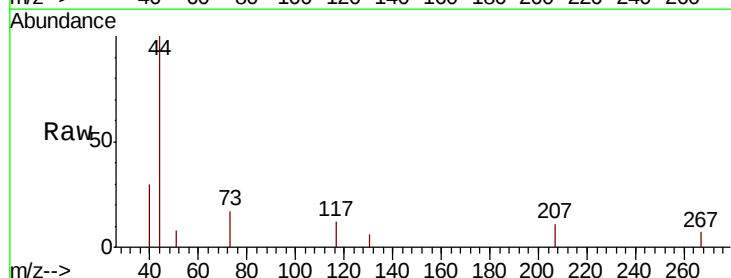
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-112619RE

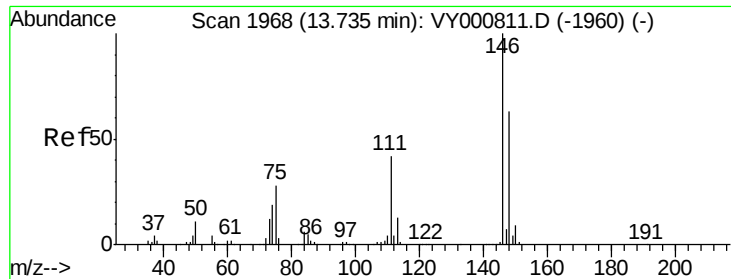
Tot Ion: 91 Resp: 303
Ion Ratio Lower Upper
91 100
92 7.9 26.9 80.7#
134 32.7 12.6 37.6



#90
Hexachloroethane
Concen: 1.357 ug/l
RT: 14.08 min Scan# 2024
Delta R.T. 0.12 min
Lab File: VY000838.D
Acq: 03 Dec 2019 13:05

Tgt Ion: 117 Resp: 37
Ion Ratio Lower Upper
117 100
201 0.0 34.0 102.0#

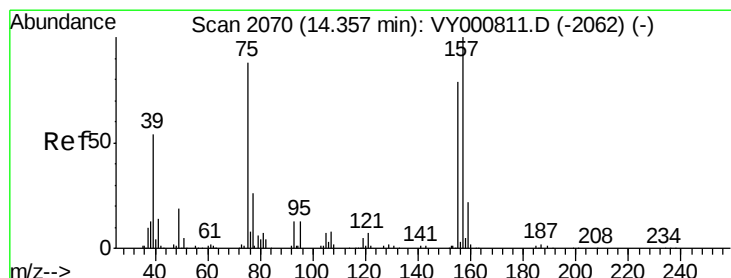
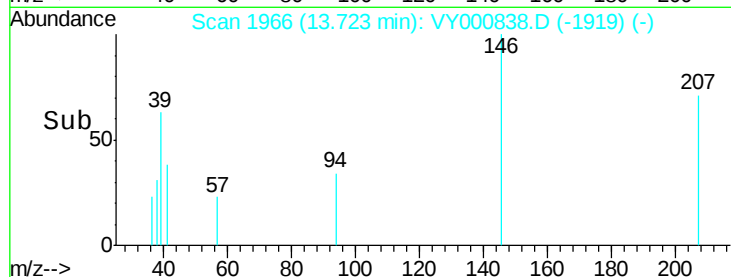
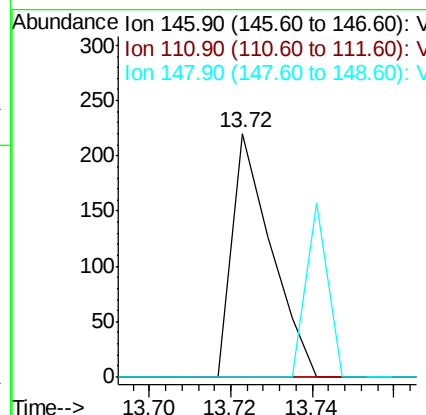
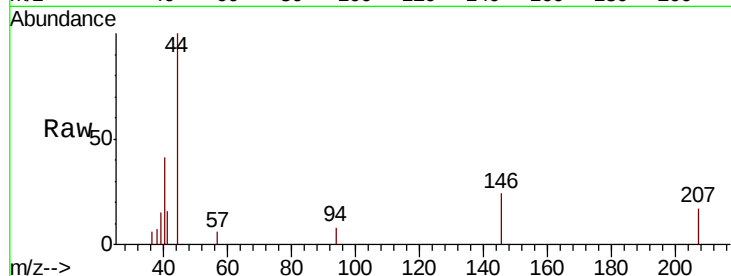




#91
 1,2-Dichlorobenzene
 Concen: 2.271 ug/l
 RT: 13.72 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: VY000838.D
 Acq: 03 Dec 2019 13:05

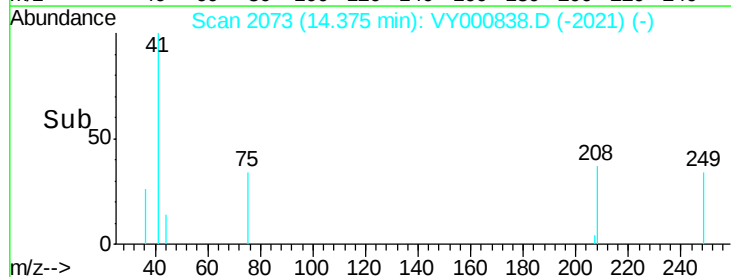
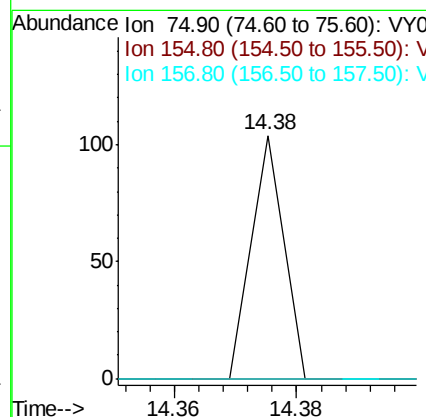
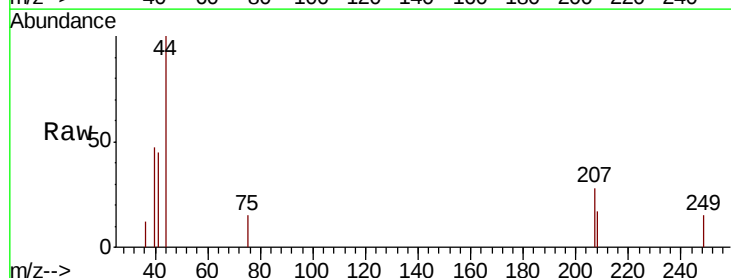
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-112619RE

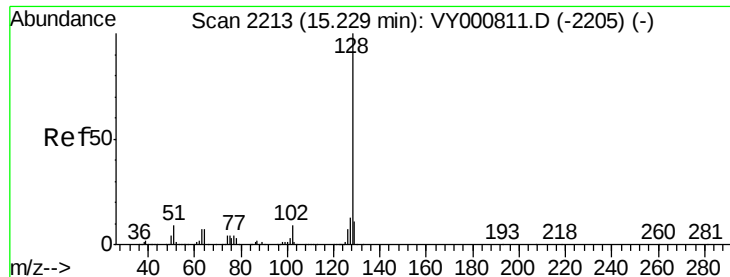
Tot Ion:146 Resp: 146
 Ion Ratio Lower Upper
 146 100
 111 0.0 20.9 62.7#
 148 39.7 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 6.854 ug/l
 RT: 14.38 min Scan# 2073
 Delta R.T. 0.02 min
 Lab File: VY000838.D
 Acq: 03 Dec 2019 13:05

Tgt Ion: 75 Resp: 38
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.3 132.9#
 157 0.0 56.3 168.9#





#95

Naphthalene

Concen: 24.947 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-112619RE

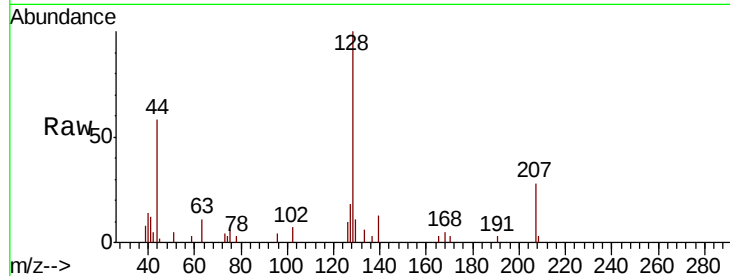
Tot Ion:128 Resp: 2520

Ion Ratio Lower Upper

128 100

127 16.8 10.1 15.1#

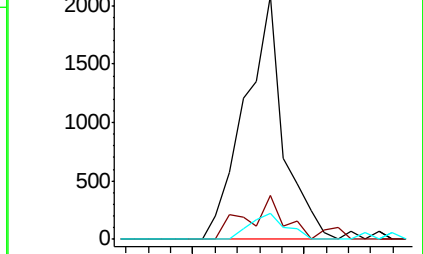
129 9.7 8.8 13.2



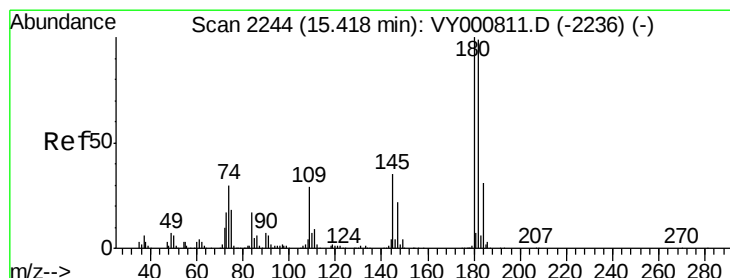
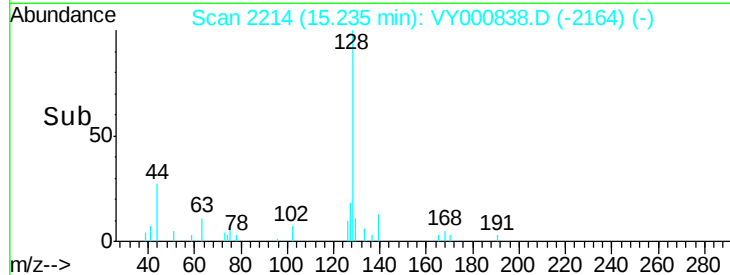
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 5.584 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VY000838.D

Acq: 03 Dec 2019 13:05

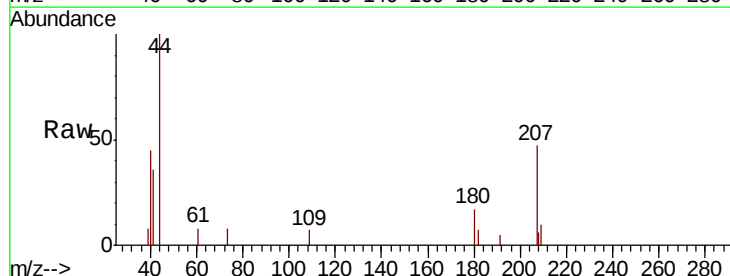
Tgt Ion:180 Resp: 217

Ion Ratio Lower Upper

180 100

182 12.0 48.0 144.0#

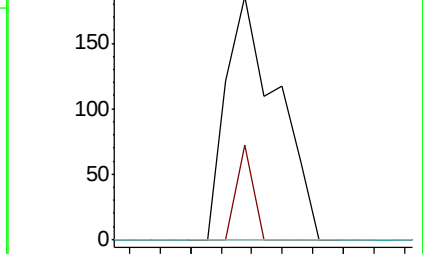
145 0.0 16.9 50.6#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

